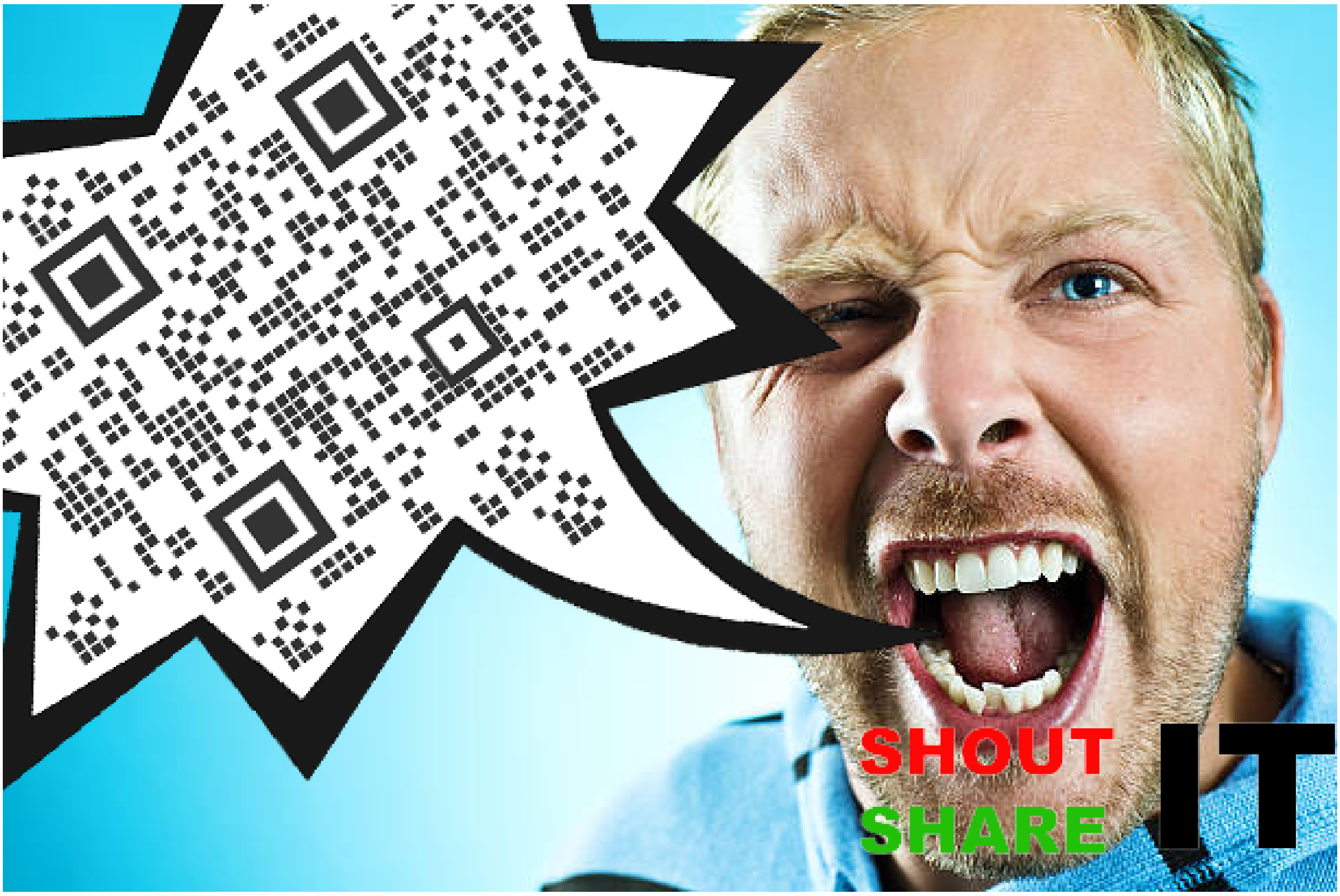
Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

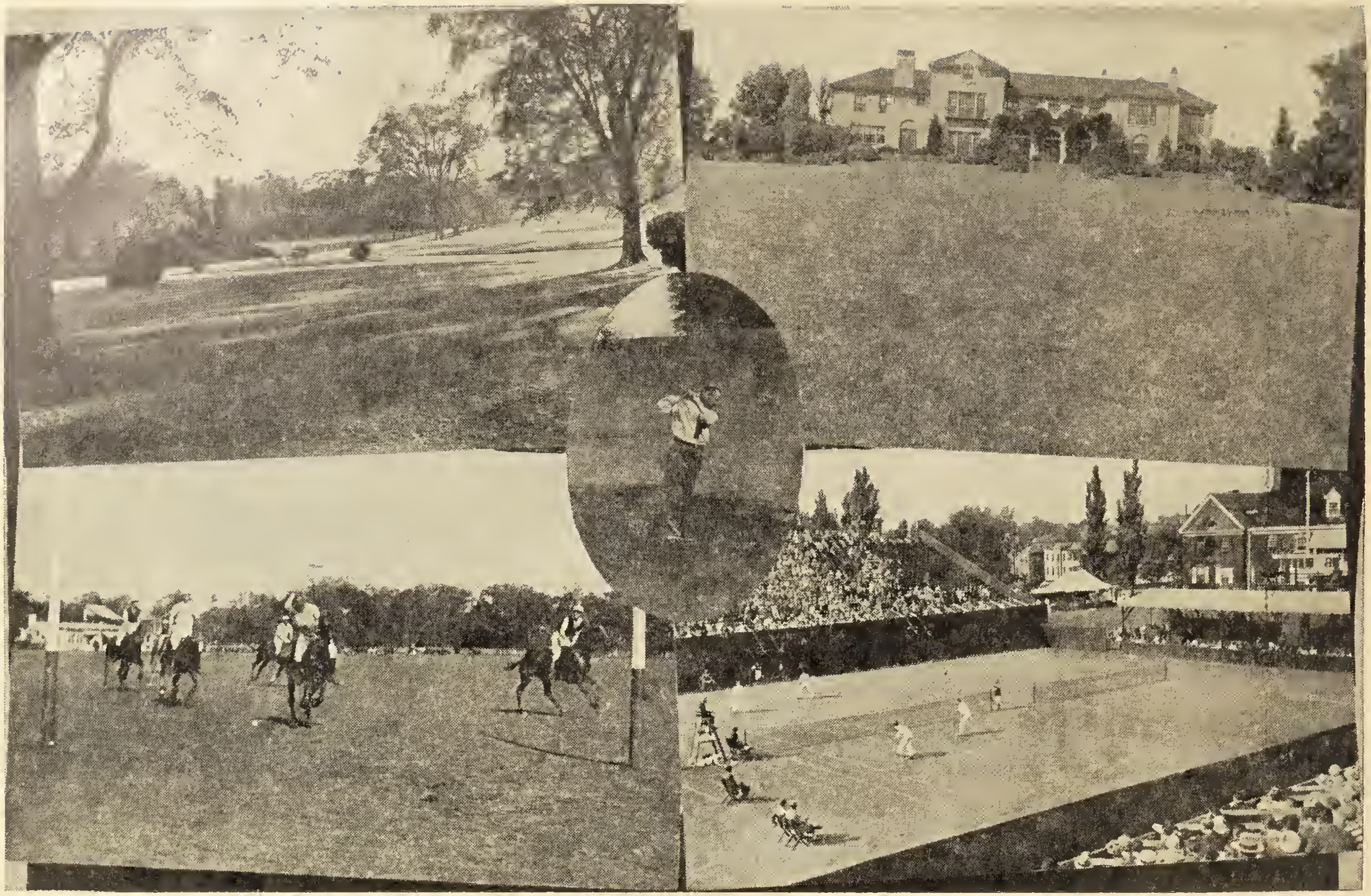

SHOUT
SHARE
IT

MICHELL'S SEEDS
BULBS ~ PLANTS

1936

HENRY F. MICHELL CO.
516 and 518 MARKET ST., PHILA., PA.

NURSERIES, TRIAL GROUNDS, GREENHOUSES, ANDALUSIA, PA.



MICHELL'S RECLEANED GRASS SEED

FOR EVERY PURPOSE

FINE LAWNS GOLF COURSES ATHLETIC FIELDS
TENNIS COURTS POLO FIELDS

YOUR LAWN

The importance of a healthy, well-kept lawn as a setting for the home and a reflection of the refinement within, is a factor very often overlooked. Careful selection of seed is a prime consideration, and since this item represents but a small percentage of the total cost of lawn-building and maintenance, it is essential that you get seed of *proven* quality.

In the matter of grass seed, the user must rely wholly on the *reputation* of the seller. Purity, freedom from weed seeds and useless chaff, as well as vitality and the permanency of the resultant turf all contribute to the value of a lawn mixture, but none of these points may be determined by the average person until considerable effort, expense and time have been invested in the lawn. We call your attention to our experience of more than forty years with turf grasses on the finest estates and golf courses in the East. Large volume places us in a position to offer highest quality seed of the latest crop, direct from the most reliable sources both in this country and abroad. Thorough recleaning by modern methods eliminates to the highest degree, weed seeds and chaff. It is this seed that we offer in our various mixtures or separately.

For Complete list of Mixtures and Separate Varieties See Pages 4 to 7

HENRY F. MICHELL CO.

516 and 518 MARKET STREET
PHILADELPHIA, PA.

ORDER SHEET

Please do not ask questions on this order sheet, but write them, and all communications requiring an answer on a separate sheet and enclose with order, to insure a more speedy reply

ORDER NO.

L. T.
T.
L.
Zone

HENRY F. MICHELL CO.

518-516 MARKET ST.
PHILADELPHIA, PA.

Ship to NAME____________________ Date__________193__
Please prefix Mr., Mrs. or Miss

Street____________________ P. O. Box__________

Post Office____________________ R. F. D. No.__________

Freight or Express Address____________________
If Different from P. O.

County____________________ State__________

Charge to____________________ Charge Address__________

Gardener's or Superintendent's Name____________________
(That we may enter his name for Catalogs)

Please DO NOT Write in This Space

SEND BY	MARK X Over the Word designating method by which shipment is desired	FRT.	EXP.	BOAT	PARCEL POST	BAGGAGE MASTER	LOCAL EXPRESS	DELIVERY

PRICED BY

	Veg. Seeds	Flo. Seeds	Bulbs	Plants	Tools	Sundries	Insect.	Poult. Sup.	Grass Seed
ORDER FILLED BY									
DATE FILLED									
DOUBLE CHECKED BY									

Check Column	Quantity	ARTICLES WANTED	PRICE	
			DOLLARS	CENTS
		AMT. FWD.		

HENRY F. MICHELL CO. give no warranty, expressed or implied, as to the description, purity or productiveness of any seeds, plants or bulbs they send out and they cannot be in any way responsible for the crop. If the customer does not accept the goods on these terms, they can be returned at once.

125M Pink, 35M Blue L-4-35 hne. M

SEE OTHER SIDE

Check Column	Quantity	ARTICLES WANTED	PRICE	
			DOLLARS	CENTS
		AMOUNT FORWARD		

SEE OTHER SIDE

TO AVOID MISUNDERSTANDINGS READ THESE CONDITIONS OF SALE

CONDITIONS OF SALE.—All contracts, sales and acknowledgments of orders are contingent upon crop failures, our ability to import and make deliveries in conformity with the "Plant Quarantine Act," partial deliveries by growers or manufacturers, strikes, or other unavoidable causes beyond our control, clerical errors included; also unsatisfactory credit standing. All quotations are subject to market changes and goods being unsold on receipt of order.

Henry F. Michell Co. give no warranty, expressed or implied, as to the description, purity or productiveness of any seeds, plants or bulbs they send out, and they cannot be in any way responsible for the crop. If the customer does not accept the goods on these terms, he must notify us at once and we will give instructions for the disposition of the goods.

WE WELCOME CHARGE ACCOUNTS.—We invite you to take advantage of the convenience of a charge account with us. So that no time will be lost in executing your first order, please send us the names of two or more business houses with whom you have had past or present credit relations.

Our reference: Dun and Bradstreet's Mercantile Agency, or any bank or trust company in the United States.

ORDER EARLY.—We would greatly appreciate if you would send orders for seeds, plants, bulbs, etc. during January and February whenever possible. Shipment will be made when you want the goods.

NO CHARGE FOR PACKING WITH ONE EXCEPTION.—We do not charge for boxes or packing with this exception: a charge is made for two-bushel seamless sacks at the prevailing market price for these sacks. These bags are then redeemable in credit at the price charged.

C. O. D. SHIPMENTS.—Goods can be sent C. O. D. with the exception of perishable items including plants and cold storage bulbs. Where the shipment is to be made by express or freight, it is necessary to send a partial remittance with the order. It is also necessary to make a partial payment on a C. O. D. order during the months of April and May due to the large number of shipments made during that time.

SEND SHIPPING INSTRUCTIONS.—Please say by what method you want goods forwarded, otherwise we will ship according to our best judgment.

Employment Service

Positions for Gardeners, Estate Superintendents, etc.—We have on our register the names of competent Gardeners, Superintendents, Greenskeepers, Farmers and Poultrymen who desire positions. We are always pleased to put them in communication with parties desiring services of such men.

For our customers who wish to engage a landscape or jobbing gardener, we maintain a list from which we can give you the names of one or more in your locality. We recommend only those who have proved reliable.

HAVE YOU MOVED LATELY?—Please let us know of any permanent change of address so that you may receive our catalogues regularly.

FORWARDING SERVICE.—We pay postage charges on all orders for vegetable seeds, flower seeds and grass seeds in quantities up to five pounds (unless otherwise noted) to the first and second zones. If larger quantities of the above, also bulbs, plants and sundries, are wanted by parcel post, remit for postage the amount named in connection with the item to the first and second zones; for other zones add additional postage, or at the rate quoted in table below. Agricultural Seeds, Implements, Fertilizers, and other heavy and bulky goods are sent by Express or Freight at purchaser's expense.

Plant orders should be separated from Seed orders, as they are usually filled and shipped separately.

All Plants, Roots and Bulbs are forwarded by Express (or Parcel Post when possible) purchaser paying charges, unless otherwise noted.

For those of our customers who prefer to receive such goods by Parcel Post, we will be pleased to forward in this manner such plants as can be sent in this way at the following additional cost, which must be added to the value of each order for Plants, Roots or Bulbs unless otherwise noted.

To all points east of the Mississippi River, 10 per cent. extra.

To all points west of the Mississippi River, 15 per cent. extra.

SAFE ARRIVAL.—We guarantee the safe arrival of all goods sent to points within the United States except when shipped to points where there is no express or freight agent, to such points the purchaser must assume any claim for loss or damage.

LOCAL DELIVERY.—Our free delivery service covers Philadelphia and vicinity, also Camden, N. J., and nearby points.

Also note that we do not guarantee to maintain a daily delivery to these points.

Please note the free delivery service does not include bulky quantities of fertilizers in over ¼ ton quantities. Special arrangements can however be made for delivery of these.

Shipments of goods can also be made by package service from Market and Chestnut St. Ferries, Broad Street Station, Reading Terminal and B. & O. R. R., at 24th and Chestnut Streets.

The tariff for shipments that can be made by this method, packed in one piece is as follows:

10 lbs. and under, 12c.	26 lbs. to 40 lbs., 24c.
11 lbs. to 25 lbs., 18c.	41 lbs. to 50 lbs., 30c.

Shipments weighing more cannot be sent via Package Service.

HENRY F. MICHELL CO.

SEEDS BULBS, PLANTS, GARDEN SUPPLIES, FERTILIZERS, INSECT DESTROYERS, POULTRY SUPPLIES, ETC.

516 AND 518 MARKET ST., PHILA.

NURSERIES AND PLANT HOUSES, ANDALUSIA, PA.

▲

WAREHOUSES
509-11-13 LUDLOW ST. AND
AMERICAN AND DAUPHIN STS.

▼

BELL
Lombard
5620 to
5627

KEYSTONE
Main
1631
1632

Telephone your order.
It will get prompt, courteous attention here.

Parcel Post Rates from Philadelphia (Subject to Change)

United States Parcel Post Rates (Seeds, plants and bulbs included) (Subject to Change)	First pound or fraction	Each additional pound or fraction	Packages must not exceed 100 inches (length and girth ombined)
Local Rate, Philadelphia	$0.07	$0.01	
1st Zone, within 50 miles of Philadelphia	.08	.01.1	Limit of weight to all zones, 70 lbs. A fraction of a cent in the total amount of postage on any parcel shall be counted as a full cent.
2d Zone, over 50 and under 150 miles	.08	.01.1	
3d Zone, over 150 and under 300 miles	.09	.02	
4th Zone, over 300 and under 600 miles	.10	.03.5	
5th Zone, over 600 and under 1000 miles	.11	.05.3	
6th Zone, over 1000 and under 1400 miles	.12	.07	
7th Zone, over 1400 and under 1800 miles	.14	.09	
8th Zone, over 1800 miles	.15	.11	

On Seeds, Bulbs, Plants or Roots not exceeding eight (8) ounces in weight, the postage charge is 1c. for each two (2) ounces or fraction thereof; on Sundries or other Merchandise not exceeding eight (8) ounces in weight, the postage charge is 1½c. for each two (2) ounces or fraction thereof. Seeds, Bulbs, Plants, Roots, Sundries, etc., weighing over eight (8) ounces are sent at zone rates.

If Special Delivery is wanted an additional 15c. is required on packages weighing up to two (2) pounds—25c. on packages weighing more than two (2) pounds and up to ten (10) pounds—35c. on packages weighing more than ten (10) pounds, which also includes special handling and transportation as first-class mail.

If remittance accompanies order, a sufficient amount should be included to cover the extra charges—if ordered to be sent by either of the methods as stated above.

Please note parcel post charges quoted by us are for delivery in the United States only.

INDEX TO CONTENTS OF MICHELL'S 1936 CATALOG

VEGETABLE SEEDS

Page
Anise........52, 78
Artichoke........52
Asparagus........52
Basil (Sweet)........52, 76, 78
Beans...48, 49, 50, 53 to 55
Beet........48, 56
Borage........56, 78
Broccoli........50, 57
Brussels Sprouts........57
Cabbage........50, 58
Caraway........57, 78
Cardoon........57
Carrot........48, 57
Catnip........57, 78
Cauliflower........59
Celeriac........60
Celery........60
Chamomile........59, 78
Chervil........59
Chicory........59
Chives........59, 78
Citron........59, 67
Collards........59
Collections........51
Coriander........59, 78
Corn Salad........60
Corn (Sugar)........61
Cress (Garden)........60
Cress (Water)........60
Cucumber........48, 50, 62
Dandelion........50, 62
Dill........62, 78
Egg Plant........62
Endive........50, 63
Fennel........50, 63, 78
Finocchio........50, 63, 78
Garlic........63, 68
Herbs (Seed)........78
Horse Radish........63
Kale........63
Kohl Rabi........63
Lavender........63, 78
Leek........65
Lettuce........64, 65
Mangel Wurzel........56
Martynia........65
Melons........49, 66, 67
Mint........66, 78
Mushroom Spawn........67
Mustard........69
Okra........69
Onions........68
Onion Sets........68
Parsley........49, 69
Parsnip........69
Peanuts........73
Peas........49, 50, 70, 71
Pennyroyal........72, 78
Pepper........72
Pop Corn........61
Potatoes........71
Pumpkin........73
Radish........74
Rhubarb........73
Rocket or Rucola........50, 74
Rosemary........74, 78
Ruta Baga........78
Saffron........74, 78
Sage........74, 78
Salsify........75
Shallots........68
Sorrel........75
Spinach........75
Squash........50, 76
Summer Savory........75, 78
Sweet Basil........52, 76, 78
Sweet Marjoram........76, 78
Swiss Chard........56, 76
Thyme........76, 78
Tobacco........76
Tomato........50, 77
Turnip........78
Winter Savory........75, 78

FARM, GRASS AND MISCELLANEOUS SEEDS

Alfalfa........82
Barley........81
Beans (Soja)........81
Bird Seeds........173
Broom Corn........81
Buckwheat........81
Canada Peas........82
Clovers........82
Corn (Field)........81
Cow Peas........82
Farm Seeds........81 to 83
Flax........82
Grass Seeds........4 to 7
Kaffir Corn........82
Mangel Wurzel........82
Millet........83
Oats........83
Rape (Essex)........83
Rye........83
Sudan Grass........83
Sugar Cane........83
Sunflower........83
Timothy........83
Vetches........83
Wheat........83

FLOWER SEEDS

Page
Abutilon........15
Acanthus........15
Achillea........15
Aconitum........15
Acroclinium........27
Adonis........15
African Daisy (Arctotis)........17
Agathea........15
Ageratum........15
Agrostemma........15
Alyssum........15
Amaranthus........15
Ampelopsis........15
Anchusa........17
Anemone........17
Anthemis........17
Antirrbinum........9, 16
Aqilegia........17
Arabis........17
Arctotis........17
Armeria........17
Asclepias........17
Asparagus........17
Asperula........17
Asters........9, 18, 18A
Aubrietia........19
Auricula........19
Baby's Breatb (Gypsophila)........28
Bachelor's Button (Centaurea)........22
Bacbelor's Button (Gomphrena)........27
Balloon Vine........19
Balsam........19
Balsam Apple........19
Baptisia........19
Begonia........19
Bellflower (Campanula)........21
Bellis (Daisy)........25
Blue Lace Flower........25
Browallia........19
Butterfly Fl. (Schizanthus)........40
Calceolaria........19
Calendula........10, 20
California Poppy (Eschscholtzia)........26
Calliopsis........20
Campanula........21
Canary Bird Vine........20
Candytuft........21
Canna........20
Canterbury Bell, (Campanula)........21
Cardinal Climber........20
Carnation........22
Castor Beans (Ricinus)........38
Catananche........22
Celosia........22
Centaurea........10, 22
Cerastium........22
Cheiranthus........22
Chelone........23
Chinese Woolflower........23
Chrysanthemum........23
Cineraria........23
Clarkia........23
Clematis........23
Cleome........23
Cobaea........23
Cockscomb (Celosia)........22
Coix (see Grasses)........28
Coleus........23
Collections of Flower Seeds........19
Columbine (Aquilegia)........17
Cone Flower (Rudbeckia)........38
Convolvulus........24
Coreopsis........24
Cornflower (Centaurea)........10, 22
Cosmos........10, 24
Cowslip (Primula Veris)........37
Cultural Leaflets........18A, 44
Cuphea........24
Cyclamen........24
Cynoglossum........24
Cyperus........24
Cypress Vine........24
Dahlia........25
Daisy........25
Delphinium........10, 25
Diantbus........26
Dictamnus........25
Didiscus........25
Digitalis........25
Dimorphotheca........26
Dolichos........26
Dracena........26
Dusty Miller (Centaurea)........22
Dusty Miller (Cineraria)........23
Echinocystis........26
Echinops........26
Edelweiss........26
Erigeron........26
Erinus........26
Eryngium........26
Eschscholtzia........26
Eupatorium........26
Euphorbia........26
Everlastings........27
Exacum........26

FLOWER SEEDS—Con.

Page
Fern Spores........27
Feverfew (Matricaria)........31
Forget-Me-Not (Myosotis)........33
Four O'Clock (Marvel of Peru)........31
Foxglove (Digitalis)........25
Gaillardia........27
Gas Plant (Dictamnus)........25
Gentiana........27
Geranium........27
Gerbera........27
Geum........27
Gilia........27
Globe Amaranth........27
Globularia........28
Gloxinia........28
Godetia........28
Gomphrena........27
Gourd........28
Grasses, Ornamental........28
Grevillea........28
Gypsophila........28
Helenium........28
Helianthemum........28
Helianthus........29
Helichrysum........27
Heliopsis........28
Heliotrope........29
Helleborus........28
Hesperis (Sweet Rocket)........44
Heuchera........29
Hibiscus........29
Hollyhock........29
Honesty........29
Hop Vine (Humulus)........29
Humulus........29
Hunnemannia........10, 29
Hyacinth Bean (Dolicbos)........26
Iberis (Candytuft)........21
Ice Plant (Mesembryan)........32
Impatiens........30
Incarvillea........30
Ipomoea........10, 30
Japanese Ivy (Ampelopsis)........15
Job's Tears (Coix)........28
Kenilworth Ivy (Linaria)........31
Kochia........30
Kudzu Vine (Pueraria)........38
Lady Slipper (Balsam)........19
Larkspur (Annual)........10, 30
Larkspur (Perennial)........10, 25
Lathyrus........30
Lavatera........30
Lavender........30
Lemon Verbena........45
Leptosyne........31
Liatris........31
Lily........31
Linaria........31
Linum........31
Lobelia........31
Love-in-a-Mist (Nigella)........34
Lupinus........31
Lychnis........31
Lythrum........31
Marigold........11, 32
Marvel of Peru........31
Matricaria........31
Matthiola........32
Mesembryanthemum........32
Mexican Fire Plant (Euphorbia Heteropbylla)........26
Mignonette........32
Mimosa (Sensitive Plant)........40
Mimulus........32
Mixed Seed for Wild Garden........46
Momordica (Balsam Apple)........19
Monksbood (Aconitum)........15
Moon Flower (Ipomoea)........30
Morning Glory........24
Mourning Bride (Scabiosa)........39
Myosotis........11, 33
Nasturtium........12, 33
Nemesia........34
Nepeta........34
Nicotiana........34
Nigella........34
Oenothera........34
Ornamental Grasses........28
Pansy........34
Papaver (Poppy)........36
Pelargonium (Geranium)........27
Pennisetum (see Grasses)........28
Penstemon........34
Periwinkle (Vinca)........46
Petunia........12, 34A, 35
Phacelia........35
Phlox........13, 35
Physalis........35
Physostegia........35
Pinks (Carnation)........22
Pinks (Dianthus........26
Platycodon........35
Polemonium........35
Polyanthus........36
Poppy........13, 36
Portulaca........37
Pot Marigold (Calendula)........20

FLOWER SEEDS—Con.

Page
Primula........37
Pueraria........38
Pyrethrum........38
Ranunculus........38
Reseda (Mignonette)........32
Rhodanthe........27
Ricinus........38
Rock Cress (Arabis)........17
Rock Garden Seeds........14
Rudheckia........38
Salpiglossis........38
Salvia........39
Sanvitalia........39
Saponaria........40
Saxifraga........40
Scabiosa........39
Scarlet Flax (Linum)........31
Scarlet Runner Bean........19
Scarlet Sage (Salvia)........39
Schizanthus........40
Sedum........40
Sensitive Plant........40
Shamrock........40
Shasta Daisy........40
Silene........40
Smilax........40
Snapdragon (Antirrhinum)9, 16
Snow in Summer (Cerastium)........22
Snow on the Mountain (Euphorbia Var.)........26
Solanum........40
Stachys........40
Statice........40
Stevia........40
Stocks........41
Stokesia........41
Strawflower (Helichrysum)........27
Streptocarpus........41
Sunflower (Helianthus)........29
Sweet Alyssum........15
Sweet Peas........13, 42, 43
Sweet Rocket........44
Sweet William........44
Tagetes........44
Thalictrum........44
Thermopsis........44
Thunbergia........44
Tithonia........44
Torenia........44
Transvaal Daisy (Gerbera)........27
Tritoma........44
Trollius........44
Tunica........44
Valeriana........44
Venidium........45
Verbena........45
Veronica........45
Vinca........46
Viola........13, 46
Violet........46
Virginia Stock........46
Wallflower........46
Wild Cucumber (Echinocystis)........26
Wild Flower Garden Mixture........46
Woolflower........23
Xeranthemum........27
Zinnia........13, 47

BULBS AND PLANTS

Abelia........129
Achillea........106
Achyranthes........96
Aconitum........106
Aethionema........106
Ageratum........96
Agrostemma........106
Akebia........127
Almond, Flowering........129
Althea (Rose of Sharon)........129
Alyssum........96, 106
Amaranthus........96
Amaryllis........93
Ampelopsis........127
Amygdalus (Almond)........129
Anchusa........107
Andromeda........129
Anemone........106
Antbemis........107
Antirrhinum........96
Aquilegia........107
Arabis........107
Arenaria........107
Aristolocbia........127
Armeria........107
Aronia........129
Artemisia........109
Artichoke........52, 79
Asclepias........107
Asparagus........52, 79, 99
Asters........96, 107, 108
Astilbe........109
Aubrietia........109
Azaleas........129
Baby's Breath........115
Barberry........133
Begonias........84, 93, 96
Bellis........109
Berberis........129, 133
Bignonia........127

BULBS AND PLANTS—Con.

Page
Bocconia........109
Boltonia........109
Boxwood........133
Bridal Wreath (Spirea)........132
Brussels Sprouts........57, 79
Buddleia........130
Cabbage........58, 79
Caladium........84, 93
Calendula........96
California Privet........133
Callas........94
Callicarpa........130
Callirhoe........109
Calluna........130
Calycantbus........130
Campanula........109
Candytuft (Hardy)........118
Cannas........84
Carnations........110
Caryopteris........110
Cauliflower........59, 79
Celastrus........127
Celery........60, 79
Centaurea........97, 110
Cerastium........110
Cercis (Judas or Red Bud)........130
Chelone........112
Chieranthus........112
Chionanthus........130
Cbives........59, 79
Chrysanthemum........110, 111, 112
Cinnamon Vine........94
Clematis........114, 127
Clethra (Pepper Bush)........130
Climbing Plants........127, 128
Cobaea........97, 128
Coleus........97
Collections Hardy Perennials........106
Columbine........107
Coreopsis........113
Cornus (Dogwood)........130
Coronilla........112
Cosmos........97
Cotoneaster........130
Crassula........99
Cypripedium........114
Cytisus (Golden Chain)........130
Dahlias........85 to 89
Daisy........112
Daphne........130
Delphinium........114
Deutzia........130
Dianthus........113
Dictamnus........114
Dielytra........113
Digitalis........113
Dogwood (Cornus)........130
Doronicum........113
Dracena........99
Echinops........114A
Egg Plant........62, 79
Erica........130
Erodium........114A
Eryngium........114A
Eupatorium........114A
Euonymous........128, 130
Euphorbia........114A
Evergreens........134
Exocborda........130
Ferns........99, 114A
Feverfew (Matricaria)........119
Ficus........99
Forget-Me-Not........119
Forsythia (Golden Bells)........131
Foxglove........113
Fruit Trees........137
Funkia........114A
Gaillardia........114A
Gardenia........99
Genista........99
Gentiana........115
Geraniums........97
Geum........114A
Gladiolus........84, 90 to 91
Globularia........115
Gloxinias........94
Grasses (Ornamental)........115
Gynerium........115
Gypsophila........115
Hedge Plants........133
Helenium........115
Helianthemum........115
Heliantbus........115
Heliopsis........116
Heliotrope........97
Helleborus........116
Hemerocallis........116
Heuchera........116
Hibiscus........116
Hieraceum........116
Hollyhock........116
Honeysuckle........128
Hop Vine........63, 79, 128
Horse Radish........63, 79
Hyacinthus........94
Hydrangeas........131, 133
Hypericum........116
Iberis........118
Ilex........131

INDEX TO CONTENTS OF MICHELL'S 1936 CATALOG

BULBS AND PLANTS, Con. Page

Incarvillea 118
Iris 117, 118
Ismene 94
Ivy 128
Jasminum 131
Kalmia 131
Kerria 131
Kolkwitzia 131
Kudzu Vine 128
Lantana 97
Larkspur (Perennial) 114
Lathyrus 128
Lavendula 63, 79, 118
Lemon Verbena 97
Lettuce 65, 79
Liatris 118
Lilacs 132
Lilies 92, 92A
Lily-of-the-Valley 92A, 119
Linum 119
Lithospermum 119
Lobelia 97, 119
Lonicera 131
Lupinus 119
Lychnis 119
Lycium 128
Lysimachia 119
Lythrum 119
Madeira Vine 94
Mahonia 131
Malus (Crab) 131
Marigold 97
Matricaria 119
Mazus 119
Mertensia 119
Mexican Vine 94
Mint 66, 79
Mock Orange 131
Monarda 119
Montbretia 95
Moon Vine 97, 128
Myosotis 119
Nandina 131
Nepeta 119
Nierembergia 119
Oenothera 119
Ophiopogon 99
Osmanthus 131
Oxalis 95
Pachysandra 121
Pandanus 99
Pardanthus 121
Parsley 69, 79
Passiflora 97
Pentstemon 121
Peonies 120, 121
Peperomia 99
Pepper 72, 79
Pepper Bush 129
Perennials 106 to 126
Petunia 98
Philadelphus (Mock Orange) 131
Phlox 98, 122
Physalis 121
Physostegia 121
Pinks (Dianthus) 113, 121
Platycodon 122
Plumbago 122A
Polygonum 128
Poppies 122A
Pothos 99
Primula 122A
Privet 133
Prunella 123
Prunus 131
Pueraria 128
Pulmonaria 122A
Pyracantha 132
Pyrethrum 123
Pyrus 132
Quince, Japan 132
Ranunculus 123
Rhododendrons 132
Rhubarb 73, 79
Rhus 132
Robinia 132
Rosemary 79
Rose of Sharon 129
Roses 100 to 105
Rudbeckia 123
Sage 79
Salpiglossis 98
Salvia 98, 123
Sansevieria 99
Santolina 123
Saponaria 123
Saxifraga 123
Scabiosa 98, 123
Scarlet Sage 98
Sedum 124
Sempervivum 124
Senecio 124
Shade Trees 135
Shasta Daisy 112
Shrubs 129 to 133
Sidalcea 124
Small Fruits 136
Snapdragon 96
Snowball 132
Snowberry 132
Solidago 124
Spirea 124, 132
Stachys 124

BULBS AND PLANTS, Con. Page

Statice 124
Stokesia 124
Sunflower 115
Sweet Potato 71, 79
Sweet Shrub 130
Sweet William 124
Symphoricarpus (Snowberry) 132
Syringa 132
Tamarix 132
Tarragon 76, 79
Teucrium 125
Thalictrum 124
Thermopsis 125
Thyme 76, 79, 125
Tigridias 95
Tomato 77, 79
Tradescantia 125
Trillium 125
Tritoma 125
Trollius 125
Tuberoses 95
Tunica 125
Valeriana 125
Vegetable Plants 79
Verbena 98
Veronica 126
Viburnum 132
Vinca 98, 125
Viola 126
Vitex 133
Vitis 99
Wallflower 126
Weigelia 133
Wistaria 128
Yucca 126
Zephyranthes 95
Zinnia 98

IMPLEMENTS, SUNDRIES, ETC.

Adco 178, 182
Agri-Pax 180
All Crop Fertilizer 182
Ant Killer 176
Antrol 177
Aphine 180
Aphis Punk 180
Aphistrogen 179
Aprons 162
Arsenate of Calcium 180
Arsenate of Lead 180
Ashes 182
Asparagus Bunchers 52, 153
Asparagus Fertilizer 52, 182
Asparagus Knives 52, 153
Asparagus Salt 52
Asparagus Tape 52, 153
Astogen 180
Axes 153
Bacteria 80
Bark 170
Barrel Trucks 142, 165
Barrels 142, 165
Basket Hooks 160
Baskets 142, 157, 160
Bean Poles 55
Beetle Catchers 156
Bellows 163
Berry Boxes 157
Bill Hooks 154
Bird Houses 174
Black Leaf 40 178
Blood, Bone and Potash 182
Blood (Dried) 182
Blood Flour 182
Bone (Coarse Ground) 182
Bone Flour 182
Bone Meal 182
Books 184
Bordeaux Mixture 180
Bottle Sprayer 162
Bovung 182
Broad Coops 171
Brooms 150
Brushes 150
Brush or Briar Hooks 154
Bug Death 180
Bulb Fibre 170
Bulb Pans 175
Bulldog Clips 170
Burlap 168
Calcium Casenate 180
Carbolineum 173, 180
Carborundum File 147
Carborundum Rifle 147
Carnation Bands 170
Carnation Clips 170
Carnation Staples 170
Celery Paper 60, 170
Celery Tape 60, 170
Cel-O-Glass 168
Ceresan 80, 180
Charcoal 170
Churns 171
Cider Mills 157
Clay's Fertilizer 182
Coal for Wagon Heaters 167
Copper Solution 180
Corn Knife 153
Corn Planter 139
Corn Poppers 61
Corn Shellers 157
Cotton Seed Meal 182
Cow Manure 182, 3rd Cover

IMPLEMENTS, SUNDRIES, ETC.—Con. Page

Crow Repellent 81
Cultivators 140, 141
Cultivator Teeth 141
Cuprocide 75, 180
Cut Flower Boxes 170
Cyanegg 180
Cyanogas 180
Dandelion Extractor 142
Dandelion Killer 158
Derrisol 180
Dibbles 152
Disinfectants 80, 173
Dock Lifter 150
Dog Foods 172
Dog Scat 180
Dogzoff 178
Driconure 182
Drills 139, 140
Dusters 163
Dutox 180
Edgers 147, 148
Emery 148
Evergreen Insecticide 177
Extension Pipes 164
Fencing 159, 179
Fern Dish Liners 175
Fern Pans 175
Ferogen 179, 182
Fertilizers 182, 183
Fertilizer Distributors 138
Files 147, 148
Fish Oil Soap 180
Flex-O-Glass 168
Floranid 182
Flower Bed Fencing 158
Flower Boxes 170
Flower Pots 175
Flower Scissors 169
Flower Shears 156
Fly Spray 180
Forks 151
Formacide 80, 180
Form-O-Fume 80, 180
Fruit Picker 157
Fruit Presses 157
Fungicide 180
Fungtrogen 179
Garden Gloves 154
Garden Labels 158
Garden Line 153
Garden Reels 153
Garden Tool Sets 150
Garden Tools 150
Getz There Soap 180
Glass Clamps 167
Glass Cleaner 167
Glass Cutters 167
Glazing Cement 167
Glazing Chisel 167
Glazing Points 167
Glazing Putty 167
Glazit Gun 167
Grafting Tool 156
Grafting Wax 156
Grape Bags 157
Grape and Rose Dust 180
Grape Grinder 157
Grape Scissors 169
Grass Catchers 144
Grass Shears 148
Greenhouse Paint 167
Grindstone 139
Hammers 153
Hanging Baskets 160
Harrows 138
Hatchets 153
Hay Knife 151
Hedge Knives 154
Hedge Shears 154
Hedge Trimmers 155
Hellebore 180
Hoes 150
Horn Shavings 182
Hortobacco 182
Hose 161
Hose Bands 161
Hose Clamps 161
Hose Connections 161, 162
Hose Couplings 161
Hose Menders 161
Hose Nozzles 161
Hose Reducers 161
Hose Reels 161
Hose Washers 161
Hotbed Mats 168
Hotbed Sash 168
Hotkaps 168
Husking Pins 153
Hydrant Attachments 161
Hydrospear 141
Hydroxcide 180
Hyper-Humus 178, 182
Implement Handles 151
Inoculating Bacteria 80
Insecticides 180, 181
Insectrogen 179
Japtox 176
Jardiers 160
Kainit 182
Kerosene Emulsion 180
Killer Kemical 152
Kneeling Pads 152

IMPLEMENTS, SUNDRIES, ETC.—Con. Page

Knives 154
Labels 158
Ladders 156
Land Plaster 182
Lawn Cleaners 142
Lawn Dressing and Fertilizer 182
Lawn Guards 158
Lawn Mowers 143 to 145
Lawn Mower Oil 147
Lawn Sand 176, 182
Lawn Signs 158
Lawn Sprinklers 165, 166
Lawn Trimmers 144, 148
Leaf Mould 170
Leaf Racks 142
Lemon Oil 180
Lethane 180
Lime 182
Limestone 182
Lime Sulphur 180
Liquid Manure Distrib. 165
Loma 182
Lopping Shears 155, 156
Loro 181
Manure 182, 183
Manure Drags 151
Manure Forks 151
Marking Pencils 158
Mastica 167
Mastica Machine 167
Masticote 167
Mats 168
Mattocks 151
Melon Nets 66
Mexican Bean Beetle Destroyer 181
Mexogen 181
Mole Traps 139
Mo-Lo 181
Mologen 181
Monkey Wrenches 153
Moss 170
Mouse Seed 170
Mouse Traps 153
Mowers 143 to 145
Mulch Paper 156
Mum Manure 183
Muriate of Potash 183
Naptocide 181
Nico Fume 181
Nico Fume Fumigating Powder 181
Nico Rote 181
Nicotine Pyrox 181
Nikoteen 181
Nitrate of Soda 183
Nitrophoska 183
No Gunning Signs 158
Nozzles 161, 162, 165
Nozzle Holder 161
Nu-Green 80
Oil Cans 147
Paper 156, 170
Para-Dichlorobenzine 181
Paris Green 181
Pearl Chips 170
Peat 170
Peat Moss 156
Pebbles 170
Philogan 183
Phosphate 183
Picks 151
Planet Jr. Parts 140
Planet Jr. Tools 140, 141
Plantabbs 178, 183
Plant Labels 158
Plant Stakes 169
Plant Stands 159
Plant Supports 159
Plant-Tie 169
Plant Tubs 175
Pliers 153
Plow Line Cotton 153
Plows 138, 140
Poles 155, 163, 169
Pomo-Green 181
Porch Boxes 170
Post Hole Diggers 151
Potato Fertilizer 183
Pot Brackets 160
Pot Hangers 175
Pot Labels 158
Pots 175
Poultry Supplies 171 to 173
Pruning Compound 155, 170
Pruning Gloves 154
Pruning Saws 155
Pruning Shears 154
Pulverizers 140
Putty 167
Putty Distributor 167
Pyrethrum Powder 181
Pyrote 178
Pyrox 181
Raffia and Raffia Tape 52, 168
Rakes 149, 150
Rat Paste 181
Rat Traps 153
Red Arrow Insect Spray 181
Reels 153, 161
Revivo 178
Rifles (Carborundum) 147

IMPLEMENTS, SUNDRIES, ETC.—Con. Page

Road Brushes 150
Road Scoops 141
Rollers 146
Roofing Paper 170
Rubber Hose 161
Rubber Sprinklers 162
Rubbish Baskets 142
Rubbish Consumers 153
Salt 52, 183
Salt Bricks 171
Sand 170
Sash 168
Saucers 175
Saw Horse 156
Saws 155, 156
Scalecide 181
Scale Oil 181
Screw Drivers 153
Scythes 147
Scythe Snathes 147
Scythe Stones 147
Seeders 139, 140
Seed Flats 175
Selocide 177
Semesan 80, 181
Shaderine 170
Shading Cloth 168
Shears 148, 154, 155, 156
Sheep Manure 183, 3d Cover
Shovels 151
Sickles 147
Sieves 138
Single Trees 138
Slug Shot 181
Snarol 177
Soap (CPO) 181
Soap Spray 181
Sod Cutter 147
Sod Lifters 147
Soil 170
Soil Prep 183
Soil Tester 139
Solvay 177
Soot 183
Spades 151
Sparrow Trap 174
Spike Tamp 142
Sprayers 163 to 165
Sprinklers 162, 165, 166
Squirrel House 174
Stakes 169
Stake Fasteners 169
Stimugerm 80, 183
Stim-U-Plant 183
Sulrote 177
Sulphate of Aluminum 183
Sulphate of Ammonia 183
Sulphate of Copper 181
Sulphate of Potash 183
Sulphur 181
Sulphur Candles 181
Sun Dials 153
Sunoco Spray Oil 181
Supports 159
Syringes 165
Tankage 183
Tennis Court Markers 142
Terogen 179, 183
Thermometers 67, 167
Thermostats 167
Thrip Juice 181
Tinfoil 170
Tobacco Dust 181
Tobacco Stems 181, 183
Toothpicks 170
Torches 163
Traps 139, 153
Tree Brushes 152
Tree Food 183
Tree Guards 160
Tree Labels 158
Tree Pruners 155
Tree Scraper 152
Tree Tanglefoot 181
Trellises 159, 160
Trimmers 144, 148, 155
Tri-O-gen 177
Trowels 152
Tubs 175
Twine 52, 168
Vases 160, 175
Vigoro 178, 183
Vita-Vim 183
Volck 181
Wagon Heater 167
Wall Nails 160
Water Cans 162
Weather Vane 158
Weeders 138, 141, 152
Weed Killer 170, 176
Wheat Fertilizer 183
Wheelbarrows 142
Wheel Hoes 140
Wilson's O. K. Plant Spray 181
Window Boxes 170
Wire 169
Wire and Tin Shears 169
Wire Netting 159
Wire Work 160
Wonder Worker Fertilizer 183
Worm Destroyer 181
X. L. All insecticide Compound 181

MICHELL'S RELIABLE GRASS MIXTURES

ADVANTAGES OF SOWING MIXED GRASS SEEDS

It is a familiar fact that a well balanced combination of grasses will give better results than a separate variety. Various grasses in mixture will help crowd out weeds. Often a separate variety of seed will not thrive on certain soil but where there is a combination of seeds, one or more varieties in the combination will surely thrive and our formulae are so well blended that they will give very satisfactory results. Liberal and frequent applications are advised, especially on new ground, in order to produce a satisfactory, velvety lawn, which is always much admired.

Quantity to Sow for Lawns. We recommend sowing one quart to 100 square feet; one peck to 1000 square feet; one bushel to 4000 square feet; six to eight bushels per acre on new ground without grass. In renovating established lawns, use half the above quantities.

"THE FAMOUS FIVE"

Michell's Top Notch Lawn Seed

A perfectly blended combination of the purest seed most suitable for the establishment of a luxurious lawn. This formula combines the qualities of quick growth, compactness and permanence and is recommended to those who seek the ultimate in a lawn mixture. 25 lbs. per bushel.

$3.50 per pk.; ½ bu., $6.50; $12.50 per bu.; 100 lbs., $48.00.

Michell's Clover Lawn Seed

The increasing demand for a grass seed mixture, containing a larger proportion of White Lawn Clover induced us to offer this brand; mixed with a liberal quantity of the best recleaned White Clover, which is particularly suited to take firm hold and grow quickly on hard or worn-out spots which sunburn easily. Splendid for seashore lawns. 30 lbs. per bushel.

35c. per pt.; qt., 65c.; $1.25 for 2 qts.; 4 qts., $2.25; $4.00 per pk.; ½ bu., $7.75; $15.00 per bu.; 100 lbs., $48.00.

Michell's Green Velvet Lawn Seed

Where a closely knit turf of lustrous green, velvety appearance is desired, we suggest this combination; it is a perfectly hardy mixture, ideally suited for fine permanent lawns. 20 lbs. per bu.

25c. per pt.; qt., 45c.; 85c. for 2 qts.; 4 qts., $1.50; $2.50 per pk.; ½ bu., $4.75; $9.00 per bu.; 100 lbs., $44.00.

Michell's Evergreen Lawn Seed

Recommended to fill the requirements of the average lawn, this mixture will produce a very desirable turf of fine bladed, hardy grasses, capable of withstanding considerable wear and periodic dry spells. 20 lbs. per bu.

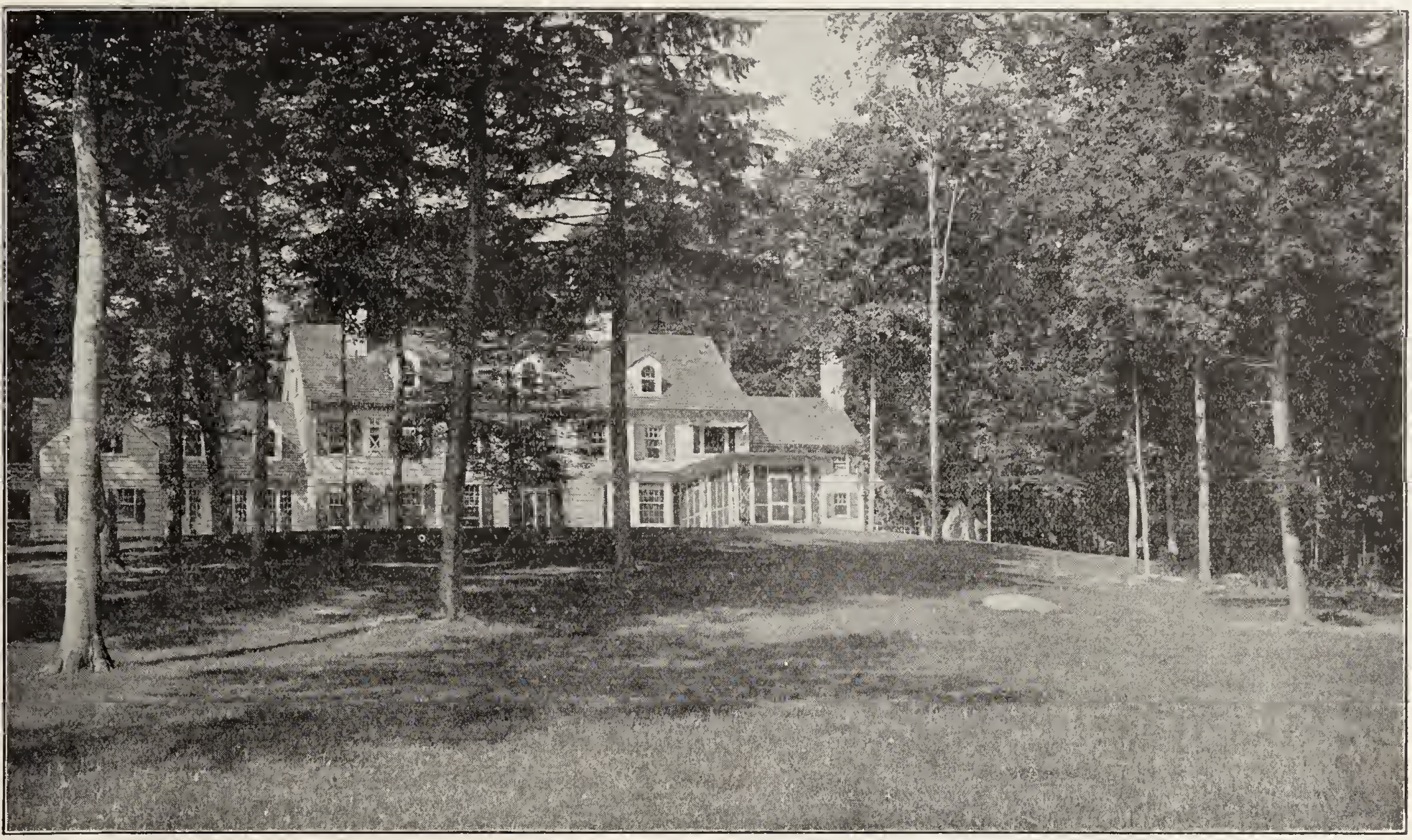
20c. per pt.; qt., 35c.; 65c. for 2 qts.; 4 qts., $1.25; $2.00 per pk.; ½ bu., $3.75; $7.00 per bu.; 100 lbs., $34.00.

Michell's Fairmount Park Lawn Seed

A mixture meeting the requirements of those desiring a moderately priced grass seed. 20 lbs. per bu.

15c. per pt.; qt., 25c.; 45c. for 2 qts.; 4 qts., 85c.; $1.50 per pk.; ½ bu., $2.85; $5.50 per bu.; 100 lbs., $25.00.

Prices quoted on Mixed Grass Seeds are prepaid in quantities up to one peck to the first and second zones; please add 20c. per ½ bu., 30c. per bu. for the above zones if wanted by parcel post; for other zones, see parcel post table, page 1.



MICHELL'S RELIABLE GRASS MIXTURES

FOR SPECIAL PURPOSES

Michell's Shaded Lawn Seed

Shaded locations have often been found difficult to keep in grass. We have combined a mixture of grasses that will produce a perfect sward in the most densely shaded place. It must be borne in mind that too much shade creates sour soil, and to guard against this apply hydrated lime at the rate of 50 pounds to each 1000 square feet. 20 lbs. per bushel.

25c. per pt.; qt., 45c.; 85c. for 2 qts.; 4 qts., $1.50; $2.75 per pk.; ½ bu., $5.25; $10.00 per bu.; 100 lbs., $48.00.

Michell's Seashore Lawn Seed

The application of three or four inches of top soil and the subsequent sowing of this special mixture will produce an excellent lawn, wonderfully suited to the usual conditions of climate and soil along the Atlantic Coast. This formula has been thoroughly tested at various points on the coast with highly satisfactory results. 20 lbs. per bu.

25c. per pt.; qt., 45c.; 2 qts., 85c.; $1.50 per 4 qts.; pk., $2.50; $4.75 per ½ bu.; bu., $9.00; $44.00 per 100 lbs.

Michell's Superior Bent Grass Mixture

Composed chiefly of the leading varieties of Bent grass, but containing a sufficient percentage of other hardier fine-bladed grasses to produce a lawn of putting green texture but which is not as susceptible to disease and attack by insects as pure bent. We recommend sowing this seed at the rate of 1 lb. to 300 square feet.

$1.00 per lb.; 5 lbs., $4.50; $21.00 per 25 lbs.; 100 lbs., $80.00.

Michell's Terrace Lawn Seed

It is usually difficult to establish turf on sharp slopes or on terraces. This mixture is composed of deep-rooting varieties particularly adapted to such conditions and will give very satisfactory results.

25c. per pt.; qt., 45c.; 85c. for 2 qts.; 4 qts., $1.50; $2.50 per pk.; ½ bu., $4.75; $9.00 per bu.; 100 lbs., $44.00.

Michell's Special Sod Grass Seed

A quick growing mixture producing a permanent sod somewhat tough and heavy but very satisfactory in appearance. Developed especially for cemetery work and a popular favorite with many of the large burial parks.

25c. per pt.; qt., 45c.; 85c. for 2 qts.; 4 qts., $1.50; $2.50 per pk.; ½ bu., $4.75; $9.00 per bu.; 100 lbs., $44.00.

Michell's Southern Evergreen Lawn Seed

Particularly adapted to the climate and the soil conditions of the south, where the hot, dry seasons make the maintenance of lawns a difficult problem. With proper care this mixture will give wonderful satisfaction.

25c. per pt.; qt., 45c.; 85c. for 2 qts.; 4 qts., $1.50; $2.50 per pk.; ½ bu., $4.75; $9.00 per bu.; 100 lbs., $44.00.

Michell's Seed Mixtures for New Jersey

The N. J. Agricultural Experiment Station has developed four formulae particularly adapted to different soil conditions within that state. We carry these in stock, and will be pleased to furnish information and prices on request.

GRASS SEED FOR THE GOLF COURSE, ETC.

Our years of experience with golf turf, whether for the GREEN, FAIRWAY, TEE, BUNKER or ROUGH, have led to the development of special grass seed formulae for every purpose. Since different conditions exist on different courses as to the soil, topography, degree of moisture and shade etc., as well as to the budget allowance, we suggest that you submit your problem to us in order that the exact conditions can be met.

Standard mixtures for general purposes are carried in stock, or we will be pleased to prescribe a special formula for your particular case, or to mix your own favorite formula from our stock of highly tested separate varieties listed on the opposite page.

* * *

Suitable special mixtures for the following athletic purposes also can be furnished.

FOOTBALL FIELDS
BASEBALL DIAMONDS
HOCKEY FIELDS
TENNIS COURTS
POLO FIELDS

Prices on any of the above mixtures will be quoted on request.

* * *

GRASS SEED FOR THE FARM

Michell's Permanent Hayfield Grass Seed

We offer a well balanced combination of grasses, which will yield considerably more and better hay per acre than timothy and clover only. Sow four to five bushels per acre on new land, or two bushels on established fields. 20 lbs. per bu.

$1.85 per pk.; ½ bu., $3.50; $6.50 per bu.; 100 lbs., $30.00.

Michell's Permanent Pasture Grass Seed

The grasses used in this mixture are the most nutritious for grazing and feeding purposes and will thrive under various conditions of soil and climate, assuring a rich turf throughout the entire season, year after year. Sow four or five bushels per acre on new land, or two bushels on established pastures. 20 lbs. per bu.

$1.85 per pk.; ½ bu., $3.50; $6.50 per bu.; 100 lbs., $30.00.

SEPARATE VARIETIES

All strictly Recleaned and Carefully Tested for Purity and Germination.

On account of market fluctuations, on many varieties of grass seeds, prices on larger quantities than that named will be quoted on request.

Bent Grass, Certified Seaside (*Agrostis Maritima*). Very highest quality; certified and sealed in 100 lb. bags by the Oregon Department of Agriculture. True, Creeping variety of Bent; makes an ideal, perfect putting green turf. Sow 75 to 100 lbs. on a green 100 feet square. $1.60 per lb.; 10 lbs., $15.00.

Bent Grass, Astoria. A native Bent, grown in Oregon; similar in growth to the Colonial type. $1.50 per lb.; 10 lbs., $14.00.

Bent Grass, Colonial (*A. Tenuis*). Imported. A very fine bladed grass of the velvet type, producing a thick turf; especially valuable for putting greens and fine lawns. 20 lbs. per bu. $1.50 per lb.; 10 lbs., $14.00.

Bent Grass, South German Creeping (*A. Stolonifera*). Imported. A mixture of creeping and velvet bent types, suitable for greens, lawns, tennis courts, etc. Sow 100 lbs. on a putting green 100 feet square. 18 lbs. per bu. $1.60 per lb.; 10 lbs., $15.00.

Bermuda Grass (*Cynodon Dactylon*). A valuable summer grass for lawns and putting greens, as far north as Washington, D. C., above which latitude it is not satisfactory. 35 lbs. per bu. 50c. per lb.; 10 lbs., $4.00.

Blue Grass, Fancy Kentucky (*Poa Pratensis*). The most satisfactory permanent lawn and pasture grass for use in the northern states, improving year after year under proper care. Deep green in color, with narrow leaf blades. Sow 70 to 85 lbs. per acre on lawns, 50 to 70 lbs. on pasture fields. 14 lbs. per bu. 40c. per lb.; 10 lbs., $3.00.

Blue Grass, Canada (*Poa Compressa*). Somewhat similar to Kentucky Blue but lighter in color and will thrive on poorer soils and in warmer climates; highly relished by cattle. Sow in same proportions as Kentucky Blue. 14 lbs. per bu. 45c. per lb.; 10 lbs., $4.00.

Crested Dogstail (*Cynosurus Cristatus*). Excellent as a pasture and lawn grass. Sow 80 to 100 lbs. per acre. 21 lbs. per bu. 60c. per lb.; 10 lbs., $5.50.

Fescue, Chewing's New Zealand (*Festuca Rubra Falax*). Imported. Produces a compact, fine bladed turf, especially resistant to wear, tolerant of shade and adverse soil conditions. Excellent for the lawn or putting green. 14 lbs. per bu. 80c. per lb.; 10 lbs., $7.50.

Fescue, Fine Leaved (*Festuca Tenuifolia*). This grass is especially valuable for dry soils. Sow 70 to 85 lbs. per acre. 14 lbs. per bu. 90c. per lb.; 10 lbs., $8.50.

Fescue, Genuine Red or Creeping (*Festuca Rubra*). Excellent for putting greens; also for sowing on sandy soil and in shaded places. 14 lbs. per bu. 90c. per lb.; 10 lbs., $8.50.

Fescue, Hard (*Festuca Duriuscula*). Imported. A durable, wiry grass, gray green in color; suitable for dry, sandy soils; should always be sown in mixture with other grasses. Sow 80 to 100 lbs. per acre. 14 lbs. per bu. 70c. per lb.; 10 lbs., $6.50.

Fescue, Meadow (*Festuca Pratensis*). A hardy, broad leaved grass of quick growth; valuable for pasture in lowlands. Sow 100 lbs. per acre. 24 lbs. per bu. 35c. per lb.; 10 lbs., $3.00.

Fescue, Red (*Festuca Rubra*). European. Valuable for putting greens; also for sowing on sandy soil and in shaded places. 14 lbs. per bu. 75c. per lb.; 10 lbs., $7.00.

Fescue, Sheep's (*Festuca Ovina*). Imported. Very similar to Hard Fescue. Sow 80 to 100 lbs. per acre. 14 lbs. per bu. 70c. per lb.; 10 lbs., $6.50.

Orchard Grass (*Dactylis Glomerata*). For early pasturing this is very desirable; also fine for sowing in shaded places. Sow 50 lbs. per acre. 14 lbs. per bu. 35c. per lb.; 10 lbs., $3.00.

Red Top, Fancy Recleaned (*Agrostis Vulgaris*). One of the best grasses for immediate effect and as a nurse in lawn mixtures; fine bladed if mowed regularly. Adaptable to adverse soil conditions. Sow 75 lbs. per acre. 32 lbs. per bu. 30c. per lb.; 10 lbs., $2.50.

Rough Stalked Meadow (*Poa Trivialis*). Imported. An ideal lawn grass for shaded places, fine, short growing and dark green in color. Sow 100 lbs. per acre. 14 lbs. per bu. 50c. per lb.; 10 lbs., $4.50.

Rye Grass, Domestic. A quick growing annual grass; useful where immediate effect is desired. Sow 100 lbs. per acre. 24 lbs. per bu. 20c. per lb.; 10 lbs., $1.75.

Rye Grass, English or Perennial (*Lolium Perenne*). Imported. A deep rooted, quick growing grass, valuable as a nurse in mixtures and excellent for pastures and hay fields. 24 lbs. per bu. 30c. per lb.; 10 lbs., $2.50.

Rye Grass, Pacey's English (*Lolium Perenne Pacey*). Imported. A more dwarf, finer bladed strain of English Rye grass. The best Rye grass for use in lawn mixtures. Sow 100 to 120 lbs. per acre. 24 lbs. per bu. 35c. per lb.; 10 lbs., $3.00.

Rye Grass, Italian (*Lolium Italicum*). Imported. Very desirable for pasture; comes to maturity the first season; the ideal seed for southern lawns in Winter. Sow 100 lbs. per acre. 24 lbs. per bu. 30c. per lb.; 10 lbs., $2.50.

Timothy (*Phleum Pratense*). A grass of high value for hay and pastures. Sow 25 lbs. per acre alone. 45 lbs. per bu. 15c. per lb.; 10 lbs., $1.00.

Wood Meadow (*Poa Nemoralis*). A good grass for sowing in heavily shaded locations particularly under trees. Sow 75 to 100 lbs. per acre. 14 lbs. per bu. 90c. per lb.; 10 lbs., $8.50.

WHITE DUTCH LAWN CLOVER

Splendid for sowing with grass on lawns and other places where a thick, quick growth is desired; especially adapted for seashore lawns. Per oz., 10c.; 25c. per ¼ lb.; ½ lb., 40c.; 75c. per lb.; 5 lbs., $3.50; $6.00 for 10 lbs.; 25 lbs., $14.00; $50.00 per 100 lbs.

If wanted by Parcel Post, add for postage as follows: 10c. for 1 lb.; 15c. for 5 lbs.; 20c. for 10 lbs.; larger quantities by express or freight.

HYPER-HUMUS

Hyper-Humus is a pure, organic material prepared for the purpose of building up the soil. All lawns improve under Hyper-Humus treatment.

Per 5 lbs., 30c.; 50c. for 10 lbs.; 25 lbs., 75c.; $1.25 per 50 lbs.; 100 lbs., $2.00; $9.50 per 500 lbs.; ½ ton, $15.00; $25.00 per ton. Carload lots in bulk, $10.00 per ton, f. o. b. factory.

Here are Some Helpful Suggestions About Flowers and Plants That can be Grown from Seed

FLOWERING ANNUALS

These flowers are the most popular of those which bloom for one year only. Those marked * are best for massing in beds and borders.

Acroclinium
*Ageratum
*Alyssum
Amaranthus
*Antirrhinum
*Arctotis
*Aster, Double
*Aster, Single
Balsam
Begonia
*Calendula
*Calliopsis
*Candytuft
*Celosia
*Centaurea
Chinese Wool Flower
*Chrysanthemum
Cineraria
*Clarkia
*Coreopsis
*Cornflower
*Cosmos
Dahlia
Daisy
*Dianthus
*Dimorphotheca
*Eschscholtzia
Feverfew
*Gaillardia
*Godetia
Gomphrena
Gypsophila
Helianthus
Helichrysum
*Hunnemannia

*Larkspur
*Linum
Lobelia
*Lupinus
*Marigold, Dwarf French
*Marigold, Tall African
Marvel of Peru
Mignonette
Mimulus
Myosotis
*Nasturtium
Nemesia
Nicotiana
*Nigella
*Pansy
*Petunia
*Phlox
Pinks
*Poppy
Portulaca
Rhodanthe
*Salpiglossis
*Salvia
Scabiosa
Schizanthus
Sensitive Plant
Stevia
*Stocks, Ten Weeks
Statice Sinuata
Sunflower
Sweet Peas
*Tagetes
Torenia
Verbena
*Zinnia, Large Flowering
*Zinnia, Small Flowering

FLOWERING PERENNIALS

The flowers given below will continue to bloom year after year.

Aconitum
Anchusa
Anemone
Aquilegia
Aster, Hardy
Auricula
Bellis
Campanula
Carnation
Centaurea
Chrysanthemum
Coreopsis
Daisy
Delphinium
Digitalis
Eupatorium
Gaillardia
Gypsophila

Hollyhock
Lupinus
Lychnis
Myosotis
Pentstemon
Phlox
Platycodon
Polyanthus
Poppy, Iceland
Poppy, Oriental
Pyrethrum
Salvia
Scabiosa Caucasica
Shasta Daisy
Statice
Sweet William
Viola
Wallflower

VARIETIES FOR SHADED AND PARTIALLY SHADED PLACES

Are you in doubt as to what to put in that shaded spot in your garden? Here is the answer:

Aquilegia
Auricula
Begonia, Tuberous
Bellis
Clarkia
Daisy
Digitalis
Godetia

Kenilworth Ivy
Lobelia Cardinalis
Mimulus
Myosotis
Polyanthus
Primula
Viola

CLIMBING VINES

A climbing vine often lends that cheerful "homey" appearance. Here are some attractive varieties:

ANNUALS
Balsam Apple
Cardinal Climber
Cucumber, Wild
Cypress Vine
Humulus
Ipomoea
Nasturtium
Sweet Peas
Thunbergia

PERENNIALS
Ampelopsis
Clematis
Hop Vine
Kudzu Vine (Pueraria)
Lathyrus

VARIETIES FOR CUTTING

What should you plant to be sure of flowers for the home and for bouquets for your friends? These are the best varieties for cutting purposes.

Acroclinium
Antirrhinum
Aquilegia
Arctotis
Aster, Double
Aster, Single
Calendula
Calliopsis
Candytuft
Carnation
Centaurea
Chinese Wool Fl.
Chrysanthemum

Coreopsis
Cornflower
Cosmos
Dahlia
Delphinium
Feverfew
Gaillardia
Gypsophila
Helianthus
Hunnemannia
Larkspur
Marigold, Dwf. Fr.
Marigold, Tall Afr.

Mignonette
Pentstemon
Poppies
Salpiglossis
Scabiosa
Shasta Daisy
Statice
Stocks (Ten Weeks)
Sunflower
Sweet Peas
Zinnia, Lge. Flwg.
Zinnia, Sm. Flwg.

EDGING AND BORDER PLANTS

These are the varieties that serve well as borders of a garden bed.

Ageratum
Alyssum
Begonia, Ever-blooming
Bellis
Candytuft, Dwarf
Centaurea Candidissima
Cineraria Maritima
Daisy
Dimorphotheca
Lobelia

Marigold, French, Legion of Honor
Myosotis
Nasturtium, Tom Thumb
Pansies
Petunia, Rosy Morn
Phlox Drummondi
Polyanthus
Pyrethrum
Tagetes Signata Pumila
Viola

FRAGRANT FLOWERS

Are you looking for fragrance for your garden? These varieties will give it to you.

Alyssum
Candytuft
Carnation
Centaurea
Heliotrope
Lupinus
Mignonette

Nicotiana Affinis
Polyanthus
Scabiosa
Stocks, Ten Weeks
Sweet Peas
Sweet William
Violet
Wallflower

EVERLASTING FLOWERS

Here are varieties that are not only for Summer blooming but also as dried cut flowers for Winter decoration.

Acroclinium
Gomphrena
Gypsophila Paniculata
Helichrysum

Rhodanthe
Statice
Xeranthemum

ORNAMENTAL FOLIAGE PLANTS

Wherever you want a "showy" effect use these varieties.

Amaranthus
Centaurea Candidissima
Cineraria Maritima

Coleus
Pyrethrum, Aureum
Ricinus

PLANTS FOR HANGING BASKETS PORCH BOXES AND URNS

Here are suggestions for the porch or indoor garden.

Alyssum
Asparagus Sprengeri
Begonia
Kenilworth Ivy
Lobelia

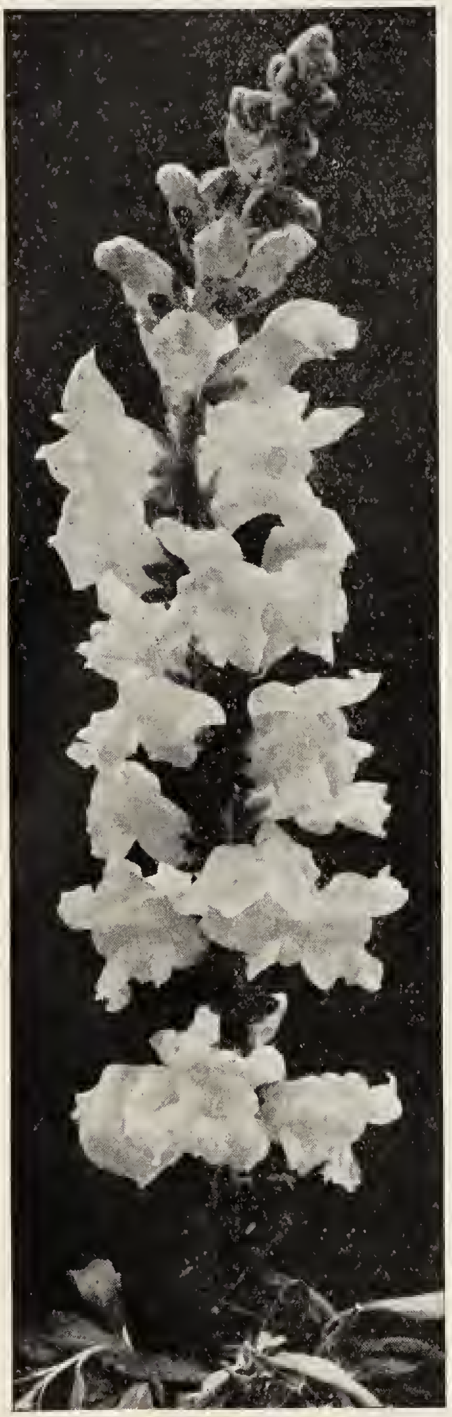
Maurandia
Nasturtium
Petunia
Smilax
Thunbergia

(wn)

IN FLOWER SEEDS FOR 1936

FOR GENERAL LIST OF FLOWER SEEDS SEE PAGES 15 TO 47

ANTIRRHINUM (Snapdragon)
RUST PROOF VARIETIES



Rust Proof Antirrhinum

We are pleased to offer this strain which has proved excellent under extensively wet outdoor conditions. They have stood the tests and are better than 75% Rust-Proof. It is a joy to see these plants with their clean healthy foliage free from rust. For growing out of doors or cutting or bedding, they will prove excellent and we hope in the near future to have a strain suitable for forcing under glass. We predict that the introduction of this Rust-Proof strain will make Antirrhinums one of the most popular flowers in America.

1936 NOVELTIES

Campfire. A new color in Antirrhinums, being a pure luminous scarlet, free from orange or bluish tinges; the individual blooms are closely spaced on strong spikes. Pkt., 25c.; 75c. per large pkt.

Canary Bird. Brilliant canary yellow; flowers very closely spaced on the stem. Pkt., 25c.; 75c. per large pkt.

Copper Shades. This variety is outstanding in the maximum group, due to the considerable number of orange and copper shades. Pkt., 25c.; 75c. per large pkt.

Loveliness. This variety should become a great favorite, as it is a most attractive pure, soft rose pink. Pkt., 25c.; 75c. per large pkt.

Crimson (*Waller-Franklin*). A magnificent type; the color is pure crimson overlaying a ground of orange, giving the effect of a fiery crimson. The foliage and stem are a dark plum color; a very strong grower with huge individual flowers and flower spikes. Pkt., 25c.; 75c. per large pkt.

Shasta (*Waller-Franklin*). Color pure white and of the same type flower and habit as Ceylon Court; very early and exceedingly free flowering. Pkt., 25c.; 75c. per large pkt.

University of California Mixture. A splendid combination of colors, the result of extensive crosses, making this a really fine mixture. Pkt., 25c.; 60c. per large pkt.

ANTIRRHINUM NANUM SEMI-DWARF (Novelties)

1936 ALL AMERICA WINNERS (Hurst)

Royal Rose. Royal Rose is truly a regal variety. The color is almost impossible to describe and must be seen to be appreciated, for even to say that it is the deepest and richest rose imaginable does not do it justice; the tone and velvety sheen reminds one of the texture of the rose. The spike is dense with the individual flowers placed closely together. Pkt., 25c.

St. George. The color of St. George is orange cerise, but of a new shade, which makes it absolutely distinct from all other varieties. The spike is strong and the individual flowers are placed closely together, making a perfectly charming and colorful effect. Pkt., 25c.

ASTER, SUPER GIANT ELMONTE

1936 NOVELTY (Bodger)

ALL AMERICA WINNER

A companion to the sensational Aster Los Angeles. A deep glowing crimson, composed of abundant quantities of daintily interlaced, plume-like petals. The flowers are large and fluffy, borne on heavy, non-lateral basal branched stems. Very early blooming and the only really large flowered crimson Aster. Pkt., 25c.

ASTER
FUSARIUM WILT RESISTANT STRAINS

These we believe to be practically immune to this disease. We feel sure that by using this seed many disappointments due to crop failures will be eliminated.

NOVELTY VARIETIES

GOLDEN SHEAF

The deepest yellow Aster yet introduced and the only one that is wilt resistant. The flowers are fully double with an attractive crest-like center, of good substance and fine depth of petal; long stemmed.

Pkt., 25c.; 60c. per large pkt.

GIANT COMET, SALMON QUEEN

A clear pure salmon, blending to a rich golden salmon at the center; the flowers which are large and well formed are of the feather Comet type, on long stemmed, early flowering, upright plants.

Pkt., 25c.; 60c. per large pkt.

GIANT COMET, BLUE FLAME

Color is a bright navy blue, distinct from any other blue Aster now offered. The flowers are fully double, with long stems; splendid for cutting.

Pkt., 25c.; 60c. per large pkt.

For other varieties of Wilt Resistant Asters see page 18.

See pages 15 to 47 for complete list of Flower Seeds

CALENDULA, TOM THUMB

1936 NOVELTY

A new dwarf Calendula, easy to grow, flowering from 4 to 6 weeks after sowing. The height does not exceed 8 to 10 inches; the plants are very compact and symmetrical and completely covered with small flowers 1 to 2 inches across. The colors range from a light yellow to a deep fiery orange, many with dark centers. An excellent bedding or border plant.

Pkt., 25c.

CALENDULA NEW ORANGE SHAGGY

This new variety is a distinct break in Calendula. The petals are long and deeply fringed or laciniated; the color is a deep orange, shading to slightly lighter orange in the center of the bloom, giving the flower a delightful two-tone effect. The flowers have long stems and the plants grow about 18 inches high.

Pkt., 25c.; 60c. per large pkt.

CORNFLOWER, JUBILEE GEM

1936 NOVELTY (Hurst)

Jubilee Gem is a dwarf variety of Cornflower, making a compact plant literally covered with flowers; the accompanying illustration shows its characteristics perfectly. It has foliage distinct from all other Cornflowers, forming a tufted mass of vivid green, contrasting well with the dark but vivid double blue flowers. The plant is about 12 inches in height.

Pkt., 25c.

COSMOS, SENSATION

1936 NOVELTY

ALL AMERICA WINNER

A mammoth early flowering Cosmos, coming into bloom in about 10 weeks from time of sowing. This variety is remarkable for the size of its giant flowers, which measure 4 to 5 inches across. The colors are a mixture of pink and white.

Pkt., 25c.; 75c. per large pkt.

Cornflower, Jubilee Gem

Cosmos Klondyke, Orange Flare

NOVELTY COSMOS KLONDYKE, ORANGE FLARE

(Bodger)

Now at last we may grow a lovely orange colored Cosmos and be assured of having the flowers before frost. Orange Flare is a strain which is in full bloom in less than four months from sowing. The color is a vivid orange with attractive light green foliage.

Pkt., 25c.; 50c. per large pkt.

NEW DELPHINIUM

SUMMER CLOUD

This fine new white is the best of all whites introduced to date, coming practically 100 per cent true. Of free flowering habit and exceptionally good for cutting. Height 4 to 5 feet.

Pkt. 25c.; $1.00 per large pkt.

HUNNEMANNIA SEMI-DOUBLE

SUNLITE (Novelty)

An interesting new semi-double form of the Mexican Tulip Poppy. The flowers are large and of an attractive tulip shape, in a bright canary yellow with grey-green foliage. Exceptionally fine for cutting. Height 1 foot.

Pkt., 15c.; 50c. per large pkt.

IPOMOEA, ROSE MARIE

(Novelty)

(Double Morning Glory)

This variety is an early, free flowering, clear deep rose, double Morning Glory, which makes a quick growth well covered with flowers. As the flowers are double, they give the appearance of being open even after the other Ipomoeas in the garden have closed for the day.

Pkt., 10c.; 30c. per large pkt.; oz., $1.00

LARKSPUR, GIANT IMPERIAL

NEW VARIETIES

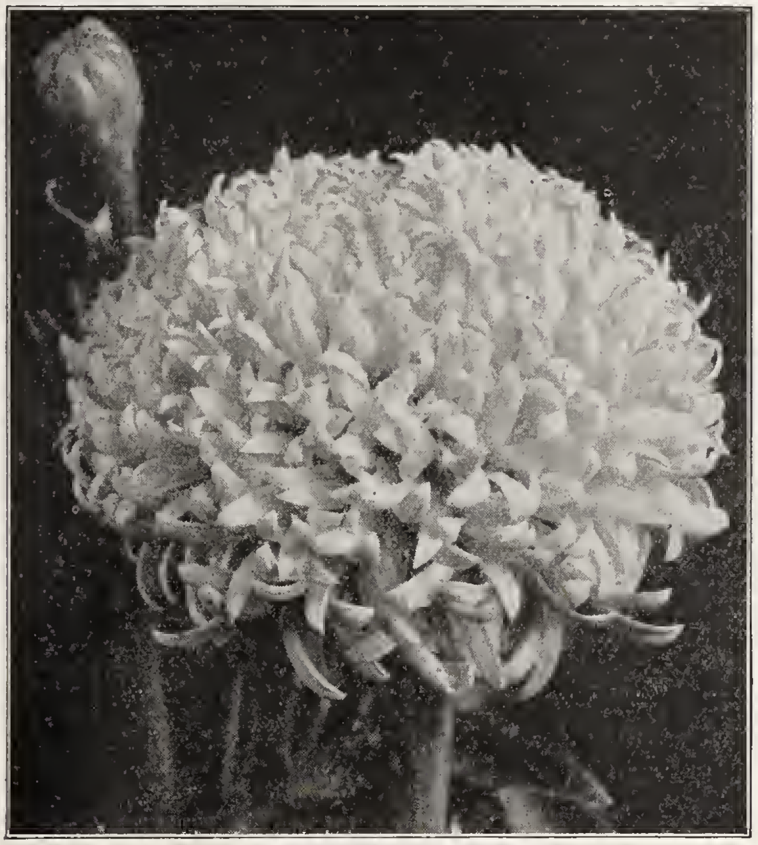
The following new varieties have been added to this group. They are ideal for cut flowers, with stems 3 to 4 feet long.

Blue Bell. A beautiful clear, light blue, with strong spikes of flowers.

Gloria. A fine deep rose.

Lilac Queen. A rich lilac, shading to a lavender blue.

Either of the above, 15c. per pkt.; large pkt., 40c.



Marigold, Dixie Sunshine

TALL AFRICAN MARIGOLD DIXIE SUNSHINE

1936 NOVELTY (Hasting's)

ALL AMERICA WINNER

This is an entirely new Chrysanthemum flowered type, coming fully 100 per cent double, pleasantly without the familiar Marigold odor in the flowers. The brilliant golden yellow flower is actually a head of tiny five-petalled flowers, a laciniated effect. Tall bushy growth, rich green foliage, supporting a mass of bright flowers on fine stems for cutting. This variety is late flowering, therefore, must be started early.

Pkt., 25c.; 75c. per large pkt.

TALL AFRICAN MARIGOLD YELLOW SUPREME (Novelty)

Heralded as a companion to the popular Guinea Gold, Yellow Supreme does in many respects resemble it and like Guinea Gold it is very free flowering, compact, and somewhat pyramidal in habit. 2 to 2½ feet tall, bearing loosely ruffled carnation flowered blossoms. The color is a light lemon yellow, and the flowers are somewhat larger than Guinea Gold. The characteristic marigold odor is almost entirely lacking, adding greatly to its usefulness for cutting and garden use.

Pkt., 15c.; 50c. per large pkt.

DWARF FRENCH MARIGOLD HARMONY (1936 Novelty)

A splendid new French variety. Scabious flowered type, deep orange with a maroon collar; very double, free flowering, and splendid for borders. This is one of the best of the newer sorts and we highly recommend it for general garden purposes, especially for cutting.

Pkt., 15c.; 50c. per large pkt.

MYOSOTIS, LAVENDER GEM

1936 NOVELTY (Hurst)

An entirely new and distinct color in the popular Forget-me-not family. Lavender Gem belongs to the Alpestris section, but is of neater and more erect habit than Indigo Blue. It is admirably suited to cutting and bunching and may be recommended for border work. The color is distinct mid-lavender, a pure tone entirely free from rose or mauve. Under glass its flowers develop an attractive silvery sheen. Pkt., 25c.

Marigold, Mexican Dwarf Orange

MARIGOLD MEXICAN DWARF ORANGE

1936 NOVELTY

Semi-dwarf in habit, branching freely and heavily laden with quantities of unique semi-tubular petalled flowers of bright orange. We consider Mexican Dwarf Orange one of the outstanding new Marigolds for this season.

Pkt., 25c.; 60c. per large pkt.

Marigold, Harmony

Nasturtium, Dwarf Golden Globe

DWARF DOUBLE NASTURTIUM GOLDEN GLOBE

1936 NOVELTY (Vis.)

ALL AMERICA WINNER

Identical in color with the popular Golden Gleam, but of dwarf compact growth; free flowering, very double and sweet scented. Excellent for bedding and borders.

Pkt., 15c.; 30c. per large pkt.; oz., 75c.

MINIATURE PETUNIA ROSE GEM

1936 NOVELTY (Waller-Franklin)

ALL AMERICA WINNER

Rose Gem is a charming addition to the new miniature group of Petunias which was started with Pink Gem. Rose Gem is the color which the public has been asking for in this miniature form. It is the rich deep rose that has made Rose of Heaven so popular. The plant is neat and compact, 5 to 6 inches high and smothered with rich rose colored blooms about 2 inches in diameter. (Originator's description).

Pkt., 25c.; 85c. per large pkt.

PETUNIA GRANDIFLORA SINGLE FRINGED

DAINTY LADY

1936 NOVELTY (Bodger)

ALL AMERICA WINNER

This remarkable new Petunia is, to the best of our knowledge, the first really yellow, an entirely new color in Petunias and has required 10 years to develop it. The plants are neat, compact, semi-dwarf and free flowering, bearing generous quantities of medium sized, delicately fringed light golden yellow flowers throughout the Summer.

Pkt., 25c.; $1.25 per large pkt.

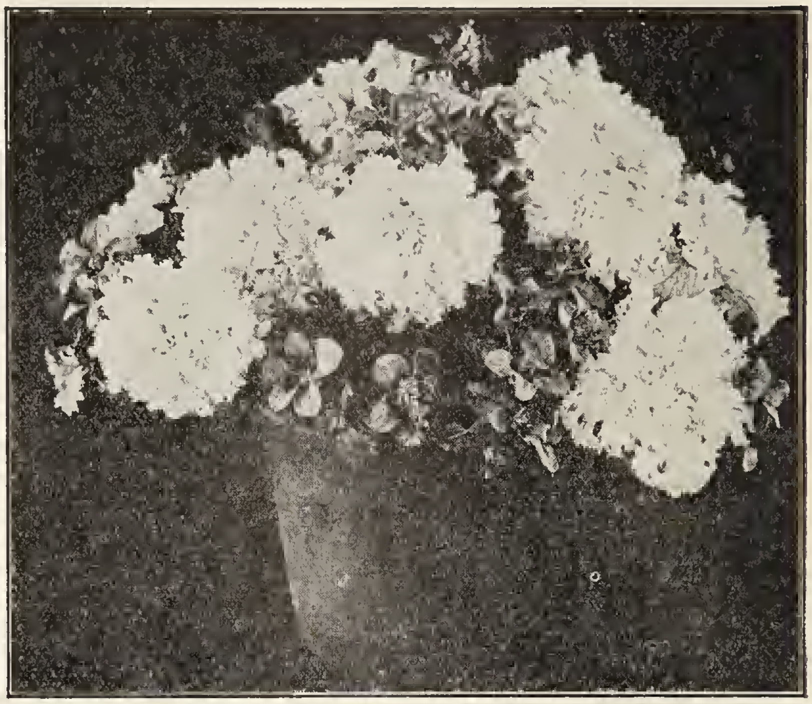
PETUNIA HYBRIDA FLAMING VELVET

1936 NOVELTY (Sluis and Groot)

ALL AMERICA GOLD MEDAL WINNER

This outstanding Petunia is a rich, brilliant velvety blood red. The flowers are single, medium sized, and the type very uniform. A few off-color rose shaded flowers may be expected. Free flowering and excellent for bedding.

Pkt., 25c.; 75c. per large pkt.



Petunia, All Double Victorious

LARGE FLOWERING DOUBLE PETUNIAS

The latest development in Double Petunias is the new All-Double strain which produces 100 per cent of Double Flowers.

All Double Victorious Mixed. An extra dwarf giant mixed Petunia which produces 100 per cent double flowered plants. Habit of growth dwarf and compact; flowers large in many brilliant and fancy colorings. An exceptionally fine type for pot culture as the plants seldom grow more than 10 inches in height.

Pkt., 50c.; $1.25 per large pkt.

Carmine Queen (*World Beauty*)(*All Double*). An exceptionally fine dwarf type; the color a beautiful rosy carmine, flowers very double. Other characteristics same as above variety.

Pkt., 50c.; $1.25 per large pkt.

White Queen (*All Double*). Pure white flowers, very double and beautifully fringed; extra dwarf and free flowering.

Pkt., 50c.; $1.25 per large pkt.

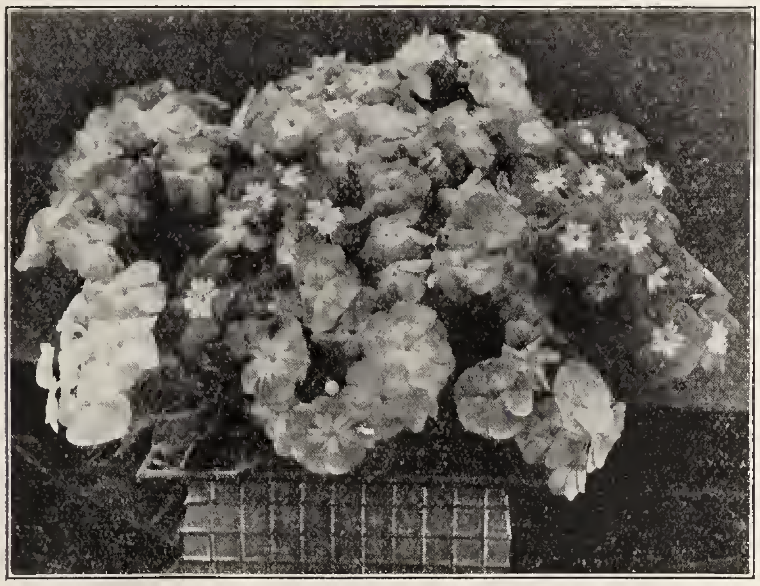
The above varieties are originations of Mr. T. Sakata.

GIANT FLOWERING SINGLE PETUNIA MARTHA WASHINGTON

NOVELTY (Waller-Franklin)

Martha Washington is a ruffled or frilled dwarf compact type. Grows about 9 inches high and the plants literally smothered with blooms 3 inches in diameter. The coloring is a blush pink with the center veined a wine red, deepening at the base of the throat; the veining is so unique that the blooms resemble a Pelargonium, hence the name. Pkt., 25c.; 75c. per large pkt.

Miniature Petunia, Rose Gem



Phlox Drummondii, Gigantea

PHLOX DRUMMONDII GIGANTEA, ART SHADES

NOVELTY

ALL AMERICA WINNER

A new strain with flowers 1¼ to 1½ inches in diameter; in addition to its enormous flowers (which in itself would be enough to justify it as a novelty) it has a most wonderful range of color in soft art shades. The colors range as follows: salmon with white eye, deep salmon with cream eye, apple blossom, soft rose with white eye, light blue with white eye, pale violet with white eye, light mauve with cream eye, rose with white eye and many other pleasing art shades. Plants grow about 9 inches high. Choice Mixture, only.

Pkt., 25c.; 75c. per large pkt.

NEW ANNUAL POPPY

DOUBLE SHIRLEY BEGONIA FLOWERED

CAVALCADE

Rich brilliant orange scarlet, a most attractive variety. The large flowers are fully Begonia double, rich and beautiful and they lend admirably for floral arrangements.

Pkt., 15c.; 40c. per large pkt.

POPPY, YELLOW WONDER

(Papaver Nudicaule Amurense)

1936 NOVELTY

ALL AMERICA WINNER

This new Iceland Poppy is undoubtedly the finest and largest flowered variety to date. The flowers are a bright buttercup yellow with a lighter center, 4 to 6 inches across; splendid for cutting. The flower stems are often more than 2 feet long. The plant is of robust habit and free flowered with as many as 30 flowers in bloom at one time. Although a perennial it will flower from seed the first season if sown early. We predict that this Iceland Poppy will prove one of our choicest garden perennials.

Pkt., 25c.

1936 NOVELTY SWEET PEAS

EARLY FLOWERING SPENCER

BRIDESMAID

A delicate sparkling shade of silver pink, as vigorous and healthy and as slim and supple as the name implies. Bridesmaid bids fair to out-strip the field in popularity as a cut flower, in a large table center arrangement. Large flowers, usually fours, on stems 14 to 16 inches long.

Pkt., 25c.; $1.00 per ¼ oz.; oz., $3.00.

SEQUOIA

An enormous rich golden cerise color and so frilled and wavy are its wide-spread wings that unless one looks closely he mistakes a single flower for two; petals have a tinge of russet. Free flowering and a strong vigorous grower.

Pkt., 25c.; $1.00 per ¼ oz.; oz., $3.00.

VIOLA GRACILIS, NORMANDIE

1936 NOVELTY (Hurst)

A remarkably handsome variety of the Gracilis type, bearing large self-colored flowers of a rich burgundy red-purple. A really attractive new variety which will, we are sure, prove very popular.

Pkt., 25c.

NEW VIOLA CORNUTA

CHANTREYLAND

A fine new Viola in a pure apricot shade. Outstanding in color and free flowering habit. Splendid for the rock garden.

Pkt., 25c.

ZINNIA SCABIOUS FLOWERED MIXTURE

Among the oddest and most attractive Zinnia forms developed, the Scabious flowered type deserves to be more widely grown and better known than at present. The flowers somewhat less than medium sized, bear a remarkable resemblance to the annual Scabiosa, from which they get their name. The color range includes all choice shades. Height 2 to 2½ feet.

Pkt., 25c.; 60c. per large pkt.

ZINNIA FANTASY OR CHRYSANTHEMUM FLOWERED MIXED

(Novelty)

The rounded flowers are composed of a mass of shaggy ray-like petals which give a delicate and refined appearance to the medium sized double flowers. The color range includes the brightest of red and orange as well as the popular pastel pinks and cream.

Pkt., 25c.; 60c. per large pkt.

ZINNIA, DESERT GOLD

(Novelty)

A large flowering type in shades of yellow and gold each petal overlaid at the base with a deeper color giving a charming bi-color combination.

Pkt., 25c.; 60c. per large pkt.

Poppy, Yellow Wonder

See pages 42 and 43 for general list of Sweet Peas

MICHELL'S FLOWER SEEDS FOR THE ROCK GARDEN

It is very easy to have a beautiful and interesting rock garden by sowing the seed of perennials and annuals of certain varieties that are particularly adapted for this purpose and also very interesting to watch their development. We offer a select list, especially adapted for growing in the rock garden.

PERENNIAL VARIETIES

	Large pkt.	Pkt.
ALYSSUM—Saxatile Compactum. Early flowering; bright golden yellow; 1 foot. (Oz., $1.25)	$0.30	$0.10
ANCHUSA—Myosotidiflora. Small, Forget-me-not blue flowers; 15 inches	.75	.25
ANEMONE—Pulsatilla. Violet lilac; 1 foot	.75	.15
ANTHEMIS—Montana. Pure white; 12 inches	.50	.10
AQUILEGIA—Alpina. Blue and white; 18 inches	.50	.10
ARABIS—Alpina. Dwarf Spring flowering; pure white flowers; 1 foot	.25	.10
— Alpina Rosea. Bright rose; 8 inches	1.00	.25
ARMERIA—Laucheana. Bright rosy red; 6 inches.	.60	.15
ASTER—Alpinus. Purple with yellow center; 1 foot	.60	.15
— Alpinus Albus. White with yellow center; 1 foot	.60	.15
AUBRIETIA—New Large Flowering Hybrids. Brilliant flowers in mixture; 6 inches	.75	.15
AURICULA—Choice Mixed; 6 inches	.75	.10
CAMPANULA—Carpatica. Blue; 6 inches	.40	.10
— Carpatica Alba. White	.40	.10
CANDYTUFT—Gibraltarica. Lilac shading to white	.40	.10
— Sempervirens. Flowers glistening white; 1 foot	.60	.10
CERASTIUM—Tomentosum. Dwarf, white leaved plant with white flowers; 1 foot	.40	.10
DAISY (*Bellis Perennis*)—**Monstrosa Etna.** Dark red	.75	.25
— Monstrosa Pink	.60	.25
— Monstrosa White	.60	.25
— Monstrosa Mixed	.60	.25
DIANTHUS—Caesius (*Cheddar Pink*). Pink flowers	.50	.10
— Alwoodi Alpinus. Choice mixed; 4 to 6 inches		.25
— Plumarius Cyclops. Single perpetual grass pinks; assorted colors with blood red eye	.40	.15
— Clove Scented. Mixed	.50	.10
— Rock Garden Species. A special mixture	.75	.25
EDELWEISS—Alpinum. A splendid plant with silvery white flowers	.75	.25
ERINUS—Alpinus, Mixed. A fine Spring blooming plant	1.00	.25
GENTIANA—Acaulis. Dwarf; deep blue flowers	.75	.10
GYPSOPHILA—(*Baby's Breath*)—**Repens.** Dwarf trailing habit; white flowers	.40	.10
— Repens Rosea. Pinkish white	.50	.10
HELIANTHEMUM—Mutabile (*Rock or Sun Rose*). Masses of flowers of various colors; 8 inches	.40	.15
HELLEBORUS—Niger (*Christmas Rose*). 15 inches	.40	.10
LINARIA—Alpina. Purple, blotched orange; 4 inches	1.00	.25
LYCHNIS—Viscaria Splendens. Bright rose red, very showy; 1 foot	.30	.10
MYOSOTIS—Ruth Fischer (*Hybrida*). Upright growing; bright blue flowers	.75	.25
NEPETA—Mussini. A favorite perennial; blue gray foliage, pale mauve flowers; 9 inches	$0.60	$0.20
OENOTHERA—Missouriensis. Large bright yellow flowers; 4 inches	.75	.15
PHACELIA—Campanularia. Very early bloomer; color gentian blue; 9 inches	.25	.10
POPPY—Alpinum Mixed. Dwarf; 8 inches	.75	.25
PRIMULA—Veris (*Cowslip*). Mixed; 6 inches	.60	.10
— Veris, Giant Munstead Strain. Beautiful shades; 12 inches	.75	.25
— Vulgaris (*English Primrose*). Canary yellow; very fragrant; 6 inches	.75	.10
SAPONARIA—Ocymoides. Bright rose colored flowers; 9 inches	.25	.10
SAXIFRAGA—Decipien Hybrids Mixed. Charming little perennials for the rock garden	1.00	.25
SEDUM—Acre. The well-known yellow Stone-crop.	1.00	.25
SILENE—Schafta. Rose; 8 inches	.40	.10
STATICE—Incana Hybrida. Mixed; dwarf	.25	.10
SWEET WILLIAM—Dwarf Alpine. Many bright and dark shades in mixture	1.00	.25
TUNICA—Saxifraga. Low growing perennial, tiny star-like, pale pink flowers; 4 to 6 inches	.30	.10
VERONICA—Repens. Masses of bright blue flowers; 4 inches	.75	.25
VIOLA—Arkwright Ruby. Bright rosy crimson, with terra cotta shadings	1.00	.50
— Yellow Queen. Deep pure yellow	1.00	.50
— Jersey Gem. Rich violet, slightly perfumed	1.00	.50
— Bosniaca (*Johnny Jump-up*). Free bloomer; small leaves, purple flowers	.60	.10
— CORNUTA (*Tufted Pansy*). Mixed colors	.50	.10
— SCOTCH BEDDING. Mixed colors	1.00	.25

Collection, one small pkt. each, 12 varieties (our selection), $1.00

Collection, one small pkt. each, 25 varieties (our selection), $2.00

ANNUAL VARIETIES

	Large pkt.	Pkt.
AGERATUM—Little Blue Star. Bright blue; 5 inches	$0.60	$0.15
ALYSSUM—Michell's Bouquet. Dwarf; white	.30	.10
ANTIRRHINUM—Rock Hybrids. Dwarf and compact; choice mixed colors	.75	.25
CANDYTUFT—Choice mixed. (Oz., 40c.)	.25	.10
DIMORPHOTHECA—Aurantiaca (*African Orange Daisy*). Flowers orange-gold	.30	.10
ESCHSCHOLTZIA—Golden West. Golden yellow; 1 foot	.25	.10
GILIA—Capitata. Lavender blue; 2 feet	.25	.10
GODETIA—Azaleaflora. Dwarf double; bright carmine	.40	.15
HUNNEMANNIA—Fumariaefolia. Giant yellow, tulip-like flowers; 1 foot	.25	.10
LINARIA —Maroccana Hybrids Mixed. Very showy, 12 inches	.25	.10
LOBELIA —Blue Stone (*Michell's*). Dwarf; bright blue	.75	.20
MARIGOLD—French Liliput Mixed. Very dwarf; 8 inches	$0.30	$0.10
MIMULUS—Tigrinus. Fine mixed tigered and spotted varieties; 1 foot	.50	.10
NEMESIA—Blue Gem. Bright blue; compact growth	.60	.15
PETUNIA—Dwarf Erect Periwinkle Blue (*Novelty*). Pastel blue	.50	.15
— Martha Washington. Dwarf; frilled blush pink flowers; center veined wine red	.75	.25
— Rosy Morn. Brilliant rose	.50	.10
PHLOX DRUMMONDII—Dwarf. Choice mixed	.50	.10
PORTULACA—Double Mixed	.40	.10
TORENIA—Fournieri Grandiflora. Sky blue with yellow center; 12 inches	.60	.10
VERBENA—Erinoides (*Moss Verbena*). Trailing; flowers purple	.40	.10

For list of Flower Seeds best adapted for various purposes, see page 8

For Novelties and Specialties see pages 10 to 13

Our flower seeds have a reputation for their superior quality and for the excellent results obtained by sowing them. It is our constant endeavor to supply only such varieties and strains as will give the best of satisfaction.

Throughout the following pages of Flower Seeds the different varieties are designated as Annuals, Biennials, Perennials, etc., and for the benefit of those who are not familiar with these terms, we wish to make the following brief explanation:

Annuals. These grow and bloom, mature their seed and then die in the same year, such as Asters, Balsams, Poppies, Sweet Peas, Morning Glories, etc., some of which may be sown in the house from March to May, or outdoors, after danger from frost is over.

Biennials. These grow from seed sown during midsummer, flowering the second year, after which they die; many of the varieties bloom the first season if sown early. In this class we have Pansies, English Daisies, Campanula Medium, Dianthus, etc.

Perennials. Those which live from year to year, such as Aquilegia, Delphinium, Foxgloves, etc. Seed may be sown outdoors from June to September and transplanted late in Fall into their permanent quarters, and protected during Winter with a light litter of straw or leaves. The hardy perennials not usually needing any protection after the first Winter; the half-hardy perennials require protection during the Winter, and the tender perennials during the Winter require greenhouse protection.

A COMPLETE INDEX OF FLOWER SEEDS WILL BE FOUND ON PAGE 2

ABUTILON (Flowering Maple)

	Large pkt.	Pkt.
Choice Mixed. Used for bedding out in the Summer; also for flowering indoors during the Winter; foliage of maple form; flowers bell-shaped; 3 feet	$0.75	$0.10

ACANTHUS (Bear's Breech)

Latifolius. Stately hardy perennial foliage plant; large decorative leaves; July and August; 3 feet	.25	.10

ACHILLEA (Milfoil or Yarrow)

Ptarmica, Fl. Pl. "The Pearl." Pure white double flowers in great profusion all Summer; hardy perennial; 2½ feet	.75	.10
Millefolium Rubra. Bright magenta red; 3 feet	.50	.10

ACONITUM (Monk's Hood or Helmet Flower)

Hardy perennial thriving best in semi-shady situations; effective in hardy borders; 3 feet; August-September.

	Large pkt.	Pkt.
Fischeri. An improved strain; compact habit with bright blue flowers	$0.75	$0.15
Napellus. Long spikes of blue flowers	.50	.10
Wilsoni. Rich blue; 6 to 7 feet	.75	.15

ACROCLINIUM (Everlasting Flower)
(See page 27)

ADONIS

***Vernalis.** Finely cut foliage; bright yellow flowers; perennial; 1 foot	.60	.10

AGATHEA

Coelestis (*Blue Daisy or Marguerite*). Greenhouse perennial, with beautiful blue flowers; 3 feet	.40	.10

AGROSTEMMA (Mullein Pink)

Coronaria. Hardy perennial of easy culture; silvery foliage and bright crimson flowers; fine for cutting; 2½ to 3 feet; June to August	.25	.10
Coronaria Alba. Pure white	.25	.10

ALYSSUM

One of the most popular garden flowers, remaining in bloom the entire season; suitable for beds and edging in Summer, or for growing in pots and boxes for Winter blooming.

	Large pkt.	Pkt.
Lilac Queen. Of dwarf, compact growth; flowers pure lilac color; 4 inches; oz., 75c.	$0.25	$0.10
Little Gem. Dwarf compact plants, densely covered with large white flowers; height, 4 inches. ¼ lb., $2.25; 75c. per oz.	.25	.10
***Michell's Bouquet.** Plants dwarf and compact; forms a perfect bouquet of miniature white flowers; a perfect gem for edging; oz., $1.25	.30	.10
Sweet (*Maritimum*). The well-known fragrant white variety; trailing, 6 inches. ¼ lb., 90c.; 30c. per oz.		.10
***Saxatile Compactum** (*Basket of Gold*). An ideal hardy perennial plant, flowering in May; showy golden-yellow flowers; excellent for rockwork; height, 1 foot; oz., $1.25	.30	.10

Ageratum, Blue Cap

AGERATUM (Floss Flower)

One of the best bedding plants, being literally a mass of bloom from early Summer till frost.

	Large pkt.	Pkt.
Blue Cap (*New*). A splendid dwarf variety; very compact; flowers larger than Little Blue Star and deeper in color	$0.75	$0.15
***Blue Ball.** Dwarf, ball-shaped plants; very large, blue flowers; 6 inches	.40	.10
Blue Perfection. Large heads of deep blue flowers produced in abundance; 12 inches	.25	.10
Little Blue Star. Plants densely covered with bright blue flowers; height, 5 inches	.60	.15
Imperial Dwarf Blue. Clear blue; compact growing plant; height, 9 inches ... oz., 75c.	.25	.10
Imperial Dwarf White ... oz., 75c.	.25	.10
Imperial Dwarf Mixed ... oz., 60c.	.25	.10

AMARANTHUS

Decorative foliage plants, easily raised from seed, either by starting them early indoors or sown outdoors in May.

	Large pkt.	Pkt.
Molten Fire (*Summer Poinsettia*). Very ornamental and the most beautiful of all Amaranthus; very easily grown from seed; leaves dark bronze, center Poinsettia red. We offer seed from selected plants only	$0.60	$0.25
Sunrise. Foliage bronzy crimson, tipped carmine	.40	.10
Tricolor Splendens (*Joseph's Coat*). Foliage green variegated crimson and yellow; height, 2 feet	.25	.10
Mixed. All sorts	.25	.10

AMPELOPSIS (Boston or Japanese Ivy)

	Large pkt.	Pkt.
Veitchi. Hardy perennial climber with olive-green leaves, which turn to scarlet in the Autumn. The best climber for covering brick or stone walls; oz., 40c	$0.25	$0.10

Varieties marked * are especially suitable for rock gardens

ANTIRRHINUM (Snapdragon)

A splendid plant for beds or borders and one of our choicest cut flowers; extensively forced under glass during the winter. For early flowering, sow indoors during February or March, seeds sown outdoors early in May will bloom in July.

RUST PROOF VARIETIES

We are pleased to offer this strain, which has proved excellent under extensively wet outdoor conditions and are better than 75% rust-proof. For growing outdoors, for cutting or bedding they will prove excellent; height 2 to 3 feet.

The following four varieties are 1936 introductions and are of the maximum type and make ideal subjects for cutting. Each plant produces from 15 to 18 spikes, which are non-lateral, with flower heads 10 to 14 inches long. They are of vigorous growth, with broad, dark green foliage and are practically immune from rust.

CAMPFIRE. A new color in Antirrhinums, being a pure luminous scarlet, free from orange or bluish tinges; the individual blooms are closely spaced on strong spikes. Pkt., 25c.; 75c. per large pkt.

CANARY BIRD. Brilliant canary yellow; flowers very closely spaced on the stem. Pkt., 25c.; 75c. per large pkt.

COPPER SHADES. This variety is outstanding in the maximum group, due to the considerable number of orange and copper shades. Pkt., 25c.; 75c. per large pkt.

LOVELINESS. This variety should become a great favorite, as it is a most attractive pure, soft rose pink. Pkt., 25c.; 75c. per large pkt.

CRIMSON. Color pure crimson overlaying a ground of orange, giving the effect of a fiery crimson; foliage and stem plum color; strong grower with huge individual flowers and flower spikes. Pkt., 25c.; 75c. per large pkt.

SHASTA. Color pure white and the same type flower and habit as Ceylon Court; very early and free flowering. Pkt., 25c.; 75c. per large pkt.

UNIVERSITY OF CALIFORNIA MIXTURE. A splendid combination of colors, the result of extensive crosses, making this a really fine mixture. Pkt., 25c.; 60c. per large pkt.

SPECIAL FORCING VARIETIES

	Large pkt.	Pkt.
Bertha Baur (*Novelty*). A new lavender or orchid color; large spikes. (Large pkt. only)	$3.00	
Sonny (*Novelty*). Clear bright pink; compact flower heads. (Large pkt. only)	2.00	
Lucky Strike (*New*). The best large flowering white to date; stems 3 to 4 feet long. (Large pkt. only)	1.25	
Afterglow. Golden bronze. (Large pkt. only)	1.25	
Rose Queen. Dark pink. (Large pkt. only)	1.25	
Ceylon Court. Canary yellow	1.25	$0.25
Cheviot Maid Supreme An improvement on Cheviot Maid, deeper in color and longer stems (Large pkt. only)	1.25	
Helen. Lovely salmon color. (Large pkt. only)	1.25	
Improved Sunburst. Color of Sunburst rose	1.25	.25
Jennie Schneider. True pink Columbia rose color	.75	.25
Judd's Early Dark Pink	1.25	.25
Judd's Early Light Pink	1.25	.25

	Large pkt.	Pkt.
Orlando. Beautiful bronze color	.75	.25
Philadelphia Pink. Pure pink	.75	.25
Philadelphia Pink. (Originator's Stock)	1.25	
Roman Gold. Deep golden yellow, suffused pink	1.00	.25
Sun Tan. Rose and tan color. (Large pkt. only)	1.25	
White Rock. An extra early pure white	.75	.25
Special Forcing Mixed. A choice blending of colors	.75	.25

NEW IMPROVED EARLY FLOWERING

(Novelty)

This new type commences to bloom three weeks earlier than all other varieties and more flowers are in full bloom at one time to a spike; habit of growth very uniform; height 2½ feet.

	Large pkt.	Pkt.
Improved Brilliant Rose. Rose pink	$0.50	$0.15
Improved Golden King. Bright yellow	.50	.15
Improved Queen Victoria. Pure white	.50	.15
Improved Rose Queen. Soft pink	.50	.15
Improved Scarlet Defiance. Bright scarlet	.50	.15
Improved Choice Mixed	.50	.15

MAXIMUM VARIETIES

A recently introduced type with extra large flowers on strong stems. These are also forcing varieties.

	Large pkt.	Pkt.
Canary Bird. Canary yellow, golden yellow center	$0.50	$0.15
Cattleya. Silvery rosy lilac	.50	.15
Copper King (*Indian Summer*). Coppery red	.50	.15
Snowflake. Pure white, yellow tube	.50	.15
Mixed. Maximum varieties	.40	.15

*ANTIRRHINUM, ROCK HYBRIDS

Very early flowering, the plants are of dwarf, compact growth, and especially adapted for growing in Rock Gardens. Choice mixed colors. Pkt., 25c.; 75c. per large pkt.

Michell's Giant Antirrhinum

MICHELL'S GIANT TALL ANTIRRHINUMS

Flowers very large, produced on long spikes and invaluable for cutting; height 2½ to 3 feet.

	Large pkt.	Pkt.
Giant Brilliant Rose	$0.30	$0.10
Giant Crimson King. Rich dazzling crimson	.30	.10
Giant Golden King. Fine golden yellow	.30	.10
Giant Harmony. Orange shaded rose	.40	.10
Giant Othello. Rich dark maroon	.30	.10
Giant Pink Venus. Flesh pink, white tube	.30	.10
Giant Queen Victoria. Pure white	.30	.10
Collection, one packet each 6 colors, 50c.		
Giant Mixed. All colors oz., 90c.	.30	.10

ANTIRRHINUMS—Semi-Dwarf

The Semi-Dwarf sorts grow about 18 inches high, with large flowers over most of the stem; excellent for bedding.

	Large pkt.	Pkt.
Amber Queen. Canary yellow, overlaid chamois pink	$0.40	$0.10
Bronze Queen. Bronze shading to orange	.50	.10
Eclipse. Brilliant, crimson red	.60	.15
Fawn. Pink suffused yellow	.40	.10
Firebrand. Rich deep red	.40	.10
Gloria. Rich deep rose	.50	.10
Golden Queen. Golden yellow	.40	.10
Nelrose. Pure rose pink	.40	.10
Prima Donna. Apricot pink	.40	.10
Purity. Pure white	.40	.10
Mixed. All colors oz., $1.00	.30	.10

ANTIRRHINUM, TOM THUMB

Mixed Colors. These grow about 12 inches high .. .30 .10

For Novelties and Specialties in Flower Seeds, see pages 10 to 13

ANCHUSA (Sea Bugloss)

	Large pkt.	Pkt.
Blue Bird. A new variety of dwarf, compact growth; flowers bright indigo blue	$0.30	$0.10
Capensis (*Cape Forget-me-not*). A splendid blue annual variety, blooming all Summer; 18 inches	.25	.10
Italica "Dropmore." A hardy perennial plant, with flowers of a lovely gentian blue; 3 to 4 feet	.25	.10
***Myosotidiflora.** Small Forget-me-not blue flowers; perennial; fine for the rockery; 15 inches	.75	.25

ANEMONE (Wind Flower)

A dainty Spring flowering perennial, with cup-shaped blossoms; splendid for bouquets.

	Large pkt.	Pkt.
Coronaria. Mixed colors; 18 inches	$0.40	$0.10
***Pulsatilla** (*Pasque Flower*). Violet lilac; 1 foot	.75	.15
St. Brigid or Poppy. Flowers large, semi-double and double, in many colors; 18 inches	.50	.15

ANTHEMIS (Hardy Marguerite)

A handsome, hardy perennial, bearing all Summer, daisy-like flowers; excellent for cutting.

	Large pkt.	Pkt.
***Montana.** Pure white; 12 inches	$0.50	$0.10
Tinctoria Kelwayi. Bright yellow; 2 feet	.40	.10

ARABIS (Rock Cress)

***Alpina.** Early Spring flowering perennial; especially adapted for edging and rockery; pure white blossoms; April-May; 1 foot	.25	.10
***Alpina Rosea.** Bright rose; very dwarf; 8 inches	1.00	.25

Arctotis Grandis

ARCTOTIS (African Lilac Daisy)

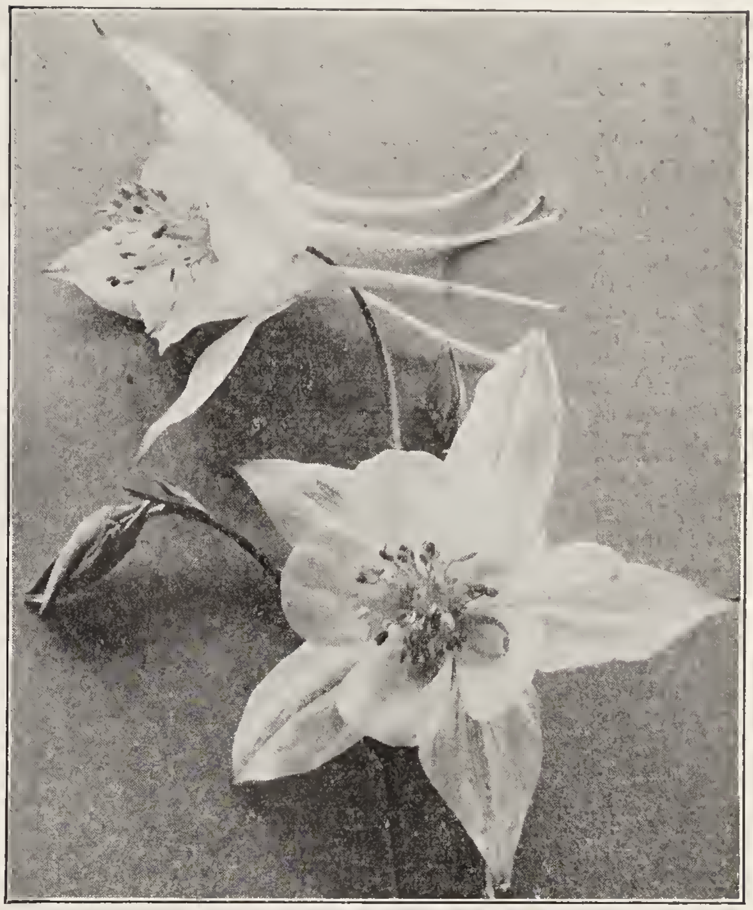
	Large pkt.	Pkt.
Grandis. Large daisy-like flowers; pure white on the upper surface, reverse petals lilac; 3 feet	$0.25	$0.10

ARMERIA (Sea Pink or Thrift)

Formosa. A pretty hardy perennial for edgings, with deep pink flowers; 2 feet	.40	.10
Formosa, Bee's Ruby. Deep rose; 24 inches	.75	.15
***Laucheana.** Flowers a bright rosy red; a good perennial rock plant; 6 inches	.60	.15

ASCLEPIAS (Butterfly Weed)

Tuberosa. Showy perennial; brilliant orange scarlet flowers; 2 feet	.75	.15



Aquilegia (Columbine) Long Spurred

AQUILEGIAS OR COLUMBINES

These are among the most beautiful of Spring and early Summer flowers; very effective when grown in the herbaceous border and groups among shrubbery. Graceful spurred flowers on stems 2 feet or more above the fern-like foliage.

	Large pkt.	Pkt.
***Alpina.** Blue and white; fine for rock gardens; 18 inches	$0.50	$0.10
Californica Hybrida. Mixed colors, principally yellow and orange shades; long spurs	.50	.10
Canadensis. The scarlet and yellow native species	.60	.10
Chrysantha (*Golden Spurred*). Bright golden yellow.	.50	.10
Coerulea (*Rocky Mountain Columbine*). Large flowers, violet blue and white	.60	.10
Nivea Grandiflora. A beautiful large pure white	.40	.10
Rose Queen. Light to dark pink with white center and yellow anthers	.75	.15
Double Mixed. All colors, oz., 75c.	.25	.10
Single Mixed. All colors, oz., 75c.	.25	.10

SELECT LONG SPURRED VARIETIES

These are unquestionably the finest types of this splendid garden perennial. The plants are of strong robust growth and very free flowering.

	Large pkt.	Pkt.
Blue Shades	$0.75	$0.25
Orange and Scarlet Shades	.75	.25
Pink and Rose Shades	.75	.25
Snow Queen. Pure white	.75	.25
Mrs. Scott Elliot's Select Strain. Choice mixed	.85	.25
Hybrids. Mixed colors	.60	.10

ASPARAGUS

	100 seeds	Pkt.
Plumosus Nanus. An excellent plant for house or conservatory decoration or cutting on account of its graceful, finely cut foliage	$0.75	$0.10
Sprengeri. One of the best plants to grow in hanging baskets or window boxes, vases, etc.	.50	.10

ASPERULA (Woodruff)

	Large pkt.	Pkt.
Odorata. A pretty hardy perennial plant thriving in partial shade; flowers white; 1 foot; May	$0.30	$0.10

Varieties marked * are especially suitable for rock gardens

MICHELL'S SUPERB ASTERS

We can imagine no other flower which combines so much beauty with grace and usefulness and with which more brilliant effect can be achieved. From July until September this flower reigns supreme in the garden, not equalled by any other. For these obvious reasons we give a great deal of attention to these flowers and are in a position to offer our patrons remarkably fine strains, producing perfect flowers of great beauty. All of the strains we offer are grown under our own supervision by specialists in this country. To have early flowers, sow the seed in the house, hotbed or cold frame, from March until May; otherwise sow outdoors after danger from frost has passed. To do well, Asters require a well pulverized soil, always kept open by continuous cultivation.

Special Note.—While this splendid Fall flower is very easily grown from seed, the greatest possible care should be exercised with the seed bed; old soil and boxes should never be used the second time without thoroughly sterilizing, to avoid the numerous diseases to which Asters are so susceptible. Barnyard manure should never be employed as a fertilizer; we recommend the use of fine ground bone meal and on no account should they be grown in the same location two years in succession.

FUSARIUM WILT RESISTANT STRAINS

We take pleasure in offering the following varieties of Wilt Resistant Asters. These we believe to be practically immune to this disease. We feel sure that by using this seed many disappointments due to crop failures will be eliminated.

NOVELTY VARIETIES

Golden Sheaf. The deepest yellow Aster yet introduced and the only one that is wilt resistant; the flowers are fully double with an attractive crest-like center, of good substance and fine depth of petal; long stemmed. Pkt. 25c.; 60c. per large pkt.

Giant Comet Salmon Queen. Clear, pure salmon, blending to a rich golden salmon at the center; the flowers large and well formed are of the feathery Comet type on long stemmed, early flowering upright plants. Pkt. 25c.; 60c. per large pkt.

Giant Comet Blue Flame. Color, bright navy blue, distinct from any other blue Aster now offered; flowers are fully double, with long stems; splendid for cutting. Pkt. 25c.; 60c. per large pkt.

For description of the particular classes below, see this and page 18-A.

AMERICAN BEAUTY

	Large pkt.	Pkt.		Large pkt.	Pkt.
Carmine Rose	$0.60	$0.25	**White**	$0.60	$0.25
Crimson	.60	.25	**Mixed**	.50	.25
Shell Pink	.60	.25			

BALL'S

	Large pkt.	Pkt.		Large pkt.	Pkt.
Early White	$0.60	$0.25	**Late White**	$0.60	$0.25

EARLY ROYAL BRANCHING

	Large pkt.	Pkt.		Large pkt.	Pkt.
Azure Blue	$0.60	$0.25	**Rose Pink**	$0.60	$0.25
Peach Blossom	.60	.25	**White**	.60	.25
Purple	.60	.25	**Mixed**	.50	.25

HEART OF FRANCE

	Large pkt.	Pkt.
Ruby Red	$0.60	$0.25

IMPROVED CREGO

	Large pkt.	Pkt.		Large pkt.	Pkt.
Deep Rose	$0.60	$0.25	**White**	$0.60	$0.25
Shell Pink	.60	.25	**Mixed**	.50	.25
Violet	.60	.25			

IMPROVED QUEEN OF THE MARKET

	Large pkt.	Pkt.		Large pkt.	Pkt.
Crimson	$0.60	$0.25	**White**	$0.60	$0.25
Dark Blue	.60	.25	**Mixed**	.50	.25
Peach Blossom	.60	.25			

SEMPLE'S BRANCHING

	Large pkt.	Pkt.		Large pkt.	Pkt.
Azure Blue	$0.60	$0.25	**Shell Pink**	$0.60	$0.25
Deep Rose	.60	.25	**White**	.60	.25
Purple	.60	.25	**Mixed**	.50	.25

Giant California Sunshine Aster

SINGLE GIANT CALIFORNIA SUNSHINE

This supremely beautiful new race of Asters is the result of a direct cross between California Giant and the Dwarf Sunshine type. The plants grow 3 feet high and bear blossoms 5 to 6 inches across, on long stiff stems. The dual color tone effects formed by the quilled discs and encircling guard petals are lovely beyond description; the quilled discs are lighter than the guard petals and as the flowers age the lemon centers turn to the color of the outer petals. We highly recommend this lovely Aster.

	Large pkt.	Pkt.		Large pkt.	Pkt.
Lavender	$0.60	$0.25	**White**	$0.60	$0.25
Rose	.60	.25	**Mixed**	.60	.25
Shell Pink	.60	.25			

NOVELTY ASTER

New Super Giant Los Angeles

A marvelous new Giants of California late type, the largest yet introduced; the flowers are not only very large, but most artistic, due to the unusual curling and interlacing of the petals. Color, pure shell pink; stems unusually long; no disbudding is necessary, due to its non-lateral habit. Pkt., 25c.; 75c. per large pkt.

AMERICAN BEAUTY

This variety is similar in type of flower and growth to the well-known Late Branching Asters, but differs in that all the large blossoms are produced on much longer and heavier stems.

	Large pkt.	Pkt.		Large pkt.	Pkt.
Azure Fairy	$0.50	$0.15	**Shell Pink**	$0.50	$0.15
Carmine Rose	.50	.15	**White**	.50	.15
Crimson	.50	.15	**Mixed**	.40	.15
Purple	.50	.15			

Collection, one packet each 6 colors, 75c.

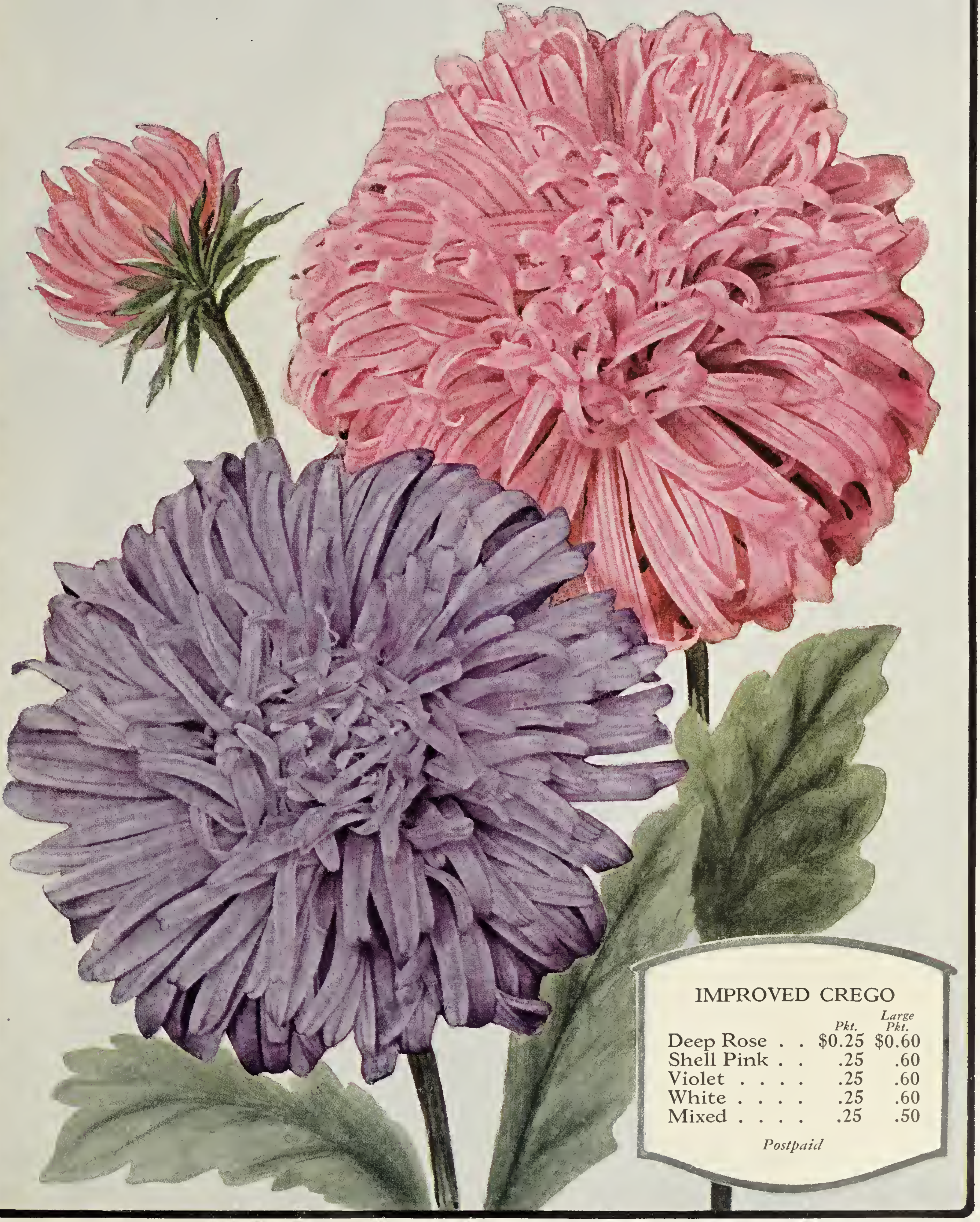
BOLTZE'S DWARF BOUQUET

Finest Mixed. A splendid dwarf variety, each plant forming a neat bouquet; excellent for pot culture as well as bedding. Pkt., 10c; 50c. per large pkt.

Ask for our Cultural Leaflet No. 202 on the growing of Asters

(wn)

Michell's Wilt Resistant Asters



IMPROVED CREGO

	Pkt.	Large Pkt.
Deep Rose . .	$0.25	$0.60
Shell Pink . .	.25	.60
Violet	.25	.60
White	.25	.60
Mixed	.25	.50

Postpaid

MICHELL'S SUPERB ASTERS

CALIFORNIA GIANT

The flowers of this variety are of the Crego type, and with the habit of growth and long stems of the Beauty type. Flowers large and stand up well after being cut. Their immense size and beauty as well as their long stems make them very attractive.

	Large pkt.	Pkt.
Dark Purple	$0.60	$0.25
Deep Rose	.60	.25
Light Blue	.60	.25
Peach Blossom	.60	.25
White	.60	.25
Mixed Colors	.60	.15

Collection, one packet each of above 5 colors, $1.00.

CREGO'S GIANT COMET

Flowers gigantic in size, often 5 inches across and with long stout stems averaging 15 inches in length. The twisted and curled petals give the flower the appearance of a huge Chrysanthemum.

	Large pkt.	Pkt.		Large pkt.	Pkt.
Azure Blue	$0.50	$0.10	**Rose Pink**	$0.50	$0.10
Crimson	.50	.10	**Shell Pink**	.50	.10
Lavender	.50	.10	**White**	.50	.10
Purple	.50	.10	**Mixed**	.40	.10

EARLY ROYAL BRANCHING

An excellent strain of Early Branching Aster, of the same form and having the same good qualities as the Late Branching variety, but coming into bloom in July or early August.

	Oz.	Large pkt.	Pkt.
Lavender	$2.25	$0.50	$0.10
Purple	2.25	.50	.10
Rose Pink	2.25	.50	.10
Shell Pink	2.25	.50	.10
White	2.25	.50	.10
Mixed	2.00	.50	.10

IMBRICATED POMPON

An early flowering, upright growing type; plants grow 12 to 14 inches high and bear numerous small, round cushion centered flowers. Excellent for pots and cutting.

	Large pkt.	Pkt.		Large pkt.	Pkt.
Crimson	$0.60	$0.25	**Violet**	$0.60	.25
Light Blue	.60	.25	**White**	.60	.25
Rose	.60	.25	**Mixed**	.50	.25

NEW GIANT PEONY FLOWERED

This is an exceptionally fine strain; the flowers are of immense size, very double and borne on long stout stems, quite free from laterals. They are good shippers and keep longer after cutting than any other Aster.

	Large pkt.	Pkt.
Azure Fairy. Clear azure blue	$0.60	$0.25
Maiden's Blush. Delicate flesh color	.60	.25
Purple Robe. Clear purple	.60	.25
Rosebud. Deep rose	.60	.25
Swansdown. Pure white	.60	.25
Mixed	.60	.25

QUEEN OF THE MARKET

Very desirable on account of its earliness and the freedom in which it blooms. Well-formed flowers are produced on 12-inch stems in the greatest profusion early in July.

	Oz.	Large pkt.	Pkt.
Blush Pink	$1.50	$0.40	$0.10
Crimson	1.50	.40	.10
Dark Blue	1.50	.40	.10
Light Blue	1.50	.40	.10
Rose, Pink	1.50	.40	.10
White	1.50	.40	.10
Choice Mixed	1.50	.40	.10

Collection, one packet each of above 6 colors, 50c.

Aster Collection

One packet each, 6 varieties, Early and Late, 50c.

Aster, Improved Semple's Branching

MICHELL'S IMPROVED SEMPLE'S BRANCHING

This is the finest late blooming Aster. The deep, heavy incurved flowers are borne on rigid stems often 2 feet and more in length. Our Improved Strain has been secured after many years of careful selection. An excellent variety for cutting or bedding.

	Oz.	Large pkt.	Pkt.
Crimson	$1.50	$0.40	$0.10
Deep Rose	1.50	.40	.10
Lavender	1.50	.40	.10
Purple	1.50	.40	.10
Shell Pink	1.50	.40	.10
White	1.50	.40	.10
Choice Mixed	1.50	.40	.10

Collection, one packet each 6 colors, 50c.

PERENNIAL ASTER

(Michaelmas Daisy)

One of the showiest of our late flowering, perennial plants; star-like, single flowers; if sown early in Spring will flower the first season.

	Large pkt.	Pkt.
Choice Mixed. Many beautiful shades; 3 feet	$0.60	$0.10

ASTER ALPINUS

***Alpinus.** Purple with large yellow center; 1 foot	.60	.15
***Alpinus Albus.** White with large yellow center; 1 foot	.60	.15

Both of the above varieties are excellent for the perennial rock garden.

MICHELL'S CULTURAL LEAFLETS

We have prepared the following Cultural Leaflets especially for the benefit of the amateur, or, in fact, for any who may want them, giving instructions how to grow the varieties named successfully from seed. These leaflets are free.

201. Antirrhinum.
202. Aster.
203. Cineraria.
204. Mignonette.
205. Petunia.
206. Primula.
207. Verbena.
208. Zinnia.
209. Pansy.
210. Salvia.
211. Stock.
212. Perennials.
213. Carnation.
214. Cosmos.
215. Cyclamen.
216. Larkspur. (Annual)
217. Lupinus.
218. Phlox Drum.
219. Nasturtium.
220. Begonia.

Varieties marked * are especially suitable for the rock garden

AUBRIETIA (Rainbow Rock Cress)

A dwarf, spring flowering perennial, growing about 6 inches high; fine for rockeries.

	Large pkt.	Pkt.
***Bougainvillei.** Dark blue	$0.75	$0.15
***Deltoides.** Lavender blue	.60	.15
***Leichtlini.** Rosy purple	.75	15
***New Large Flowering Hybrids.** Mixed	.75	15

AURICULA (Primula Auricula)

***Choice Mixed.** Beautiful low growing, early spring flowering plant; fine for borders, pot culture, etc.; half-hardy perennial; 6 inches; May	.75	10

BABY'S BREATH. See Gypsophila

BACHELOR'S BUTTON. See Centaurea and Gomphrena

BALLOON VINE (Love-in-a-Puff)

	Oz.	Pkt.
A rapid growing annual climber; white flowers, followed by seed pods	$0.25	$0.10

Camellia Flowered Balsam

DOUBLE BALSAM (Lady's Slipper)

An old and popular garden flower of easy culture; gorgeous masses of brilliant colored double flowers are produced in the greatest profusion; height, 2 feet.

	Oz.	Large pkt.	Pkt.
Camellia Flowered, Choicest Mixed	$0.60	$0.25	$0.10

BALSAM APPLE (Mormordica)

	Large pkt.	Pkt.
Remarkably handsome climbing annuals, bearing ornamental orange-colored fruit ....oz., 50c.	$0.25	$0.10

BAPTISIA (False Indigo)

Australis. A strong growing perennial plant 3 feet high; dark green, deeply cut foliage and spikes of dark blue, pea-shaped flowers in June and July	.50	.10

BEAN (Runner)

Scarlet. A rapid climber, flowering profusely; grows 10 to 15 ft. high. Per lb., 35c.; 65c. per 2 lbs.; pkt., 5c.

BEGONIA (Semperflorens Type)

The following varieties are unsurpassed for bedding plants, thriving equally well in partially shaded or sunny locations. As pot plants for winter flowering they are superb.

	Large pkt.	Pkt.
Darling (*Novelty*). This novelty of one of the best known German growers we cannot recommend too highly; plants are of ball shape and dwarf habit, growing about 8 inches high; flowers large and of a brilliant carmine rose; most effective for beds and borders and is also well adapted for growing in pots. Originator's stock	$1.00	$0.35
Glow (*Novelty*). One of the newer introductions. Flowers dark red, foliage light bronze; free blooming; compact growth; height about 10 inches. Originator's stock	1.00	.25
Albert Martin. Bright crimson scarlet; dark foliage; extra large flowers	.75	.25
Christmas Cheer. Flowers bright crimson scarlet and produced in immense quantities; fine for Christmas forcing	1.00	.25
Erfordia. Delicate pink; one of the choicest	.75	.15
Glory of Erfurt (*Improved*). Large, rosy carmine; splendid bedder	1.25	.25
Gustav Knaake. Large flowering pink with salmon shadings; splendid for pot culture	.75	.25
Salmon Queen. Flowers brilliant salmon red; foliage dark green	.75	.20
Vernon. Deep red flowers and bronzy-red foliage	.50	.20
Choice Mixed. All colors	.50	.25

BEGONIA, GRACILIS

One of the finest outdoor flowering Begonias; plants are literally covered with flowers throughout the summer; height, 1 foot.

	Large pkt.	Pkt.
Alba. Pure white	$0.40	$0.15
Luminosa. Brilliant fiery dark scarlet	.75	.20
Prima Donna. Rose, shading to carmine	.75	.20
Rosea. Light pink	.40	.20

BEGONIA, TUBEROUS ROOTED

These are very popular because they are of easy culture and extremely showy; thrive in semi-shady situations.

	Large pkt.	Pkt.
Double Choice Mixed	$1.25	$0.50
Single Choice Mixed	1.25	.25

BELLIS PERENNIS. See Daisy

BLUE LACE FLOWER. See Didiscus

BROWALLIA

One of our favorite bedding plants, producing beautiful flowers during the summer and autumn months; blooms finely in the winter if the plants are lifted in the autumn and cut back; 18 inches.

	Large pkt.	Pkt.
Elata Coerulea. Large sky-blue flowers	$0.30	$0.10
Speciosa Major. Large flowers of brilliant ultramarine blue	.75	.20

CALCEOLARIA

Excellent plants for decorating the greenhouse or conservatory; produces a mass of pocket-like flowers through the spring and summer.

	Large pkt.	Pkt.
Albert Kent Hybrids. A splendid English variety for either greenhouse or outdoor culture; flowers medium in size and produced in large graceful clusters in an excellent mixture	$0.85	$0.50
Hybrida Grandiflora. A choice large flowering mixture; tall growing	.85	.25
Hybrida Grandiflora Pumila Compacta. An attractive tigered and spotted mixture; dwarf growing	.85	.25

Michell's Popular Collections

No. 1.	One packet each 6 choice annuals	$0.50
No. 2.	One packet each 13 choice annuals	1.00
No. 3.	One packet each 6 choice perennials	.50
No. 4.	One packet each 13 choice perennials	1.00

CALENDULA (Pot Marigold)

Free flowering showy annuals of easy culture, producing a fine effect in beds or mixed borders; valuable also for pot culture for winter and spring blooming; 1 foot.

	Oz.	Large pkt.	Pkt.
NEW ORANGE SHAGGY (*Novelty*). A distinct break in Calendulas; petals long and distinctly fringed or laciniated; color, deep orange, shading to slightly lighter orange in center of blooms; stems long	$2.50	$0.60	$0.25
Chrysantha Sunshine. A new Calendula, which originated in Australia; flowers bear a striking resemblance to a Chrysanthemum; long stems and large double, clear buttercup-yellow flowers	1.00	.30	.15
Campfire (*Sensation*). A splendid new variety; color, brilliant orange, with a scarlet sheen and full yellow center	2.50	.60	.15
Radio. A distinct new break; flowers very full, petals quilled; color, rich glowing orange	1.00	.30	.15
Michell's Special Forcing, Orange	1.50	.50	.15
Ball's Gold. Deep golden yellow	2.50	.60	.15
Ball's Lemon Queen. Medium deep yellow, with an attractive dark brown center	2.50	.60	.15
Ball's Orange. Bright, glowing orange	2.50	.60	.15
Ball's Supreme. Cadmium orange, dark brown center	2.50	.60	.25
Lemon King. Lemon-yellow	.40	.25	.10
Orange King. Rich dark orange	.40	.25	.10
Pure Gold. Pure golden yellow	.40	.25	.10
Mixed Colors	.30		.10

CALIFORNIA POPPY. See Eschscholtzia

Calliopsis, Golden Wave

Calendula, New Orange Shaggy

CALLIOPSIS

ANNUAL VARIETIES

Showy and easily grown annuals; perfect little bushes, which are a mass of bloom from early summer until cut down by frost; excellent for cutting.

	Oz.	Large pkt.	Pkt.
Golden Wave (*Drummondii*). Large yellow flowers with dark brown centers; 1 foot	$0.50	$0.25	$0.10
Tinctoria Splendens. Golden yellow, brown center; extra large flowers	.60	.25	.10
Tall Varieties Mixed	.50	.25	.10
Dwarf Varieties Mixed	.50	.25	.10

COREPOSIS, PERENNIAL. See page 24

CAMPANULA. See next page

CANARY BIRD VINE

(Tropaeolum Canariense)

One of the most charming annual climbers, bearing hundreds of pretty, fringed, bright yellow flowers; good for shade. Pkt., 10c.; 40c. per oz.

CANDYTUFT. See next page

CANNA (Indian Shot)

Although these are generally planted from roots, they may be grown with comparative ease from seed. Scrape or file the edge of seed and soak in warm water until they show signs of swelling, then sow in sandy loam and place in a hotbed.

	Oz.	Pkt.
Crozy's Dwarf Mixed. From the finest sorts	$0.30	$0.10

CARDINAL CLIMBER

(Ipomoea Quamoclit Hybrida)

A rapid grower and free bloomer; the vines branch freely, growing to a height of 20 to 30 feet. Leaves dark green and deeply laciniated; bears a profusion of fiery, cardinal red flowers. In order to have good germination of the seed, a small notch should be filed or cut in each seed. Per pkt., 10c.; 30c. per large pkt.

Campanula Medium, Calycanthema

CAMPANULA (Canterbury Bell)

New Annual Single (Novelty)

A new variety which blooms from seed in less than six months; plants grow from 2 to 2½ feet high and each plant produces from 6 to 8 spikes of bloom.

	Large pkt.	Pkt.
Wedding Bell (*1936 Introduction*). Fine large spikes in a pure white color	$0.75	$0.25
Blue Bell. Another new color in a beautiful Cambridge blue shade; the large flowers are borne on long strong spikes	.60	.25
Mission Bell. This new variety is a beautiful clear pink in color; fine large spikes of blooms that are most attractive	.60	.25
Choice Mixture. Blue, pink and white shades	.40	.25

CAMPANULA MEDIUM (Canterbury Bell)

Showy, hardy biennial, growing about 3 feet high with large bell-shaped flowers. Sow from June 1st till September 1st; when strong enough transplant to a distance of 6 inches apart; after frost has set in protect with leaves and straw. They flower the following summer, after which they die.

	Oz.	Large Pkt.	Pkt.
Single Blue	$0.75	$0.25	$0.10
Single Pink	.75	.25	.10
Single White	.75	.25	.10
Single Mixed	.60	.25	.10
Double Blue		.40	.10
Double Pink		.40	.10
Double White		.40	.10
Double Mixed	1.50	.30	.10

CAMPANULA MEDIUM CALYCANTHEMA

(Cup and Saucer Canterbury Bell)

These produce beautiful large single flowers resembling a cup and saucer.

	Large pkt.	Pkt.		Large pkt.	Pkt.
Blue	$0.50	$0.10	**Pink**	$0.50	$0.10
Lilac	.50	.10	**White**	.50	.10
			Mixed, ¼ oz., 60c.	.40	.10

CAMPANULAS OR BELLFLOWERS

(Perennial Varieties)

Well known hardy perennials, bearing a profusion of beautiful bell-shaped flowers; thrive best in light rich soil.

	Large pkt.	Pkt.
***Carpatica Blue** (*Carpathian Hare Bell*). Flowers clear blue; fine for edging; 6 inches	$0.40	$0.10
***Carpatica Alba.** Pure white	.40	.10
Latifolia Macrantha. Handsome large, purplish-blue flowers; 2 feet	.50	.10
Persicifolia Grandiflora, Blue (*Peach Bells*). Spikes 4 feet tall, with immense blue bell-shaped flowers	.50	.15
Persicifolia Grandiflora, Alba. Pure white	.50	.15
Persicifolia Fl. Pl. Moerheimi. Semi-double, pure white; 2 feet	1.00	.25
Persicifolia Telham Beauty. Large china blue bells; 2½ feet	1.00	.35
Pyramidalis Mixed (*Chimney Bellflower*). Perfect pyramids 5 feet high, with large bell shaped flowers.	.40	.10

CANDYTUFT (Iberis)

Dwarf, profuse flowering garden annuals of easy culture; useful for bedding or borders; blooms within eight weeks after sowing.

	Oz.	Large pkt.	Pkt.
***Miniature Gem.** A dainty miniature variety, 3½ inches in height, each plant producing from 4 to 6 spikes of pure white flowers; a perfect gem for the rock garden		$0.50	$0.15
Carmine	$0.50	.25	.10
Crimson	.50	.25	.10
Empress, or Hyacinth Flowered. An excellent variety; long trusses of white flowers	.50	.25	.10
Lavender	.50	.25	.10
Michell's Giant White. Immense pure white spikes of bloom; fine for forcing under glass for cutting and for pot culture	1.00	.30	.10
Pink	.50	.25	.10
Purple. Deep rich purple	.50	.25	.10
Rose Cardinal. Rosy red	.75	.25	.10
Choice Mixed. All colors	.40	.25	.10
Collection. One packet each, 6 colors			.50
***Gibraltarica.** Perennial variety; lilac shading to white		.40	.10
***Sempervirens.** Dwarf spring flowering perennial; flowers glistening white; fine for rockeries; May; 1 foot		.60	.10

Candytuft, Michell's Giant White

Varieties marked * are especially valuable for rock gardens

CARNATION (Annual Varieties)

These are general favorites for their richness of color and delightful fragrance; they are desirable for greenhouse culture in Winter as well as for the garden in Summer.

	Large pkt.	Pkt.
Rasse Teicher. A new European variety, producing extraordinary large blooms, in a fine range of colors; excellent for cutting; choice mixture	$1.00	$0.25

CHABAUD'S GIANT CARNATION

Blooms in five months after being sown and continues to bloom throughout the Summer; flowers of fine substance and usually produce 90 per cent double flowers.

	Large pkt.	Pkt.
Jeane Dionis. Pure white	$0.60	$0.15
Marie Chabaud. Yellow	.60	.15
Sparkler. Brilliant cardinal red	.60	.15
The Pearl. Beautiful rose pink	.60	.15
Choice Mixed	.50	.15

MARGUERITE CARNATIONS

These are the most satisfactory of the annual pinks and will bloom in four months after sowing the seed. The flowers are large, fragrant and are produced continuously. If slightly protected they will survive an ordinary Winter and bloom the following Spring.

		Large pkt.	Pkt.
Choice Mixed	oz., $2.00	$0.40	$0.10

CARNATION (PERENNIAL VARIETIES)

The Grenadin carnation is a splendid early blooming, large flowering type; fine for cut flowers.

	Large pkt.	Pkt.
Grenadin Black King. A fine dark red	$0.60	$0.25
“ **Cardinal.** Brilliant scarlet	.60	.25
“ **Triumph Pink.** Pure rose pink	.60	.25
“ **White.** Snow white	.60	.25
“ **White Gold.** Soft yellow	.60	.25
“ **Mixed**	.50	.25
Double Border. Dwarf fine mixed	.50	.10
Early Vienna Mixed. Large double flowers	.50	.10

Ask for our Cultural Leaflet No. 213 on the Growing of Carnations.

CATANANCHE

	Large pkt.	Pkt.
Coerulea. Perennial; blue with dark eye; excellent for cutting; 2½ feet	$0.50	$0.10

CELOSIA CRISTATA (Crested Cockscomb)

Very desirable annuals of easy culture, producing large, brilliant comb-like heads; excellent border plants; 1 to 1½ feet.

	Large pkt.	Pkt.
Giant Empress. Dwarf; rich crimson	$0.50	$0.10
Choice Mixed. Dwarf varieties .... oz., $1.50	.40	.10

CELOSIA PLUMOSA (Feathered Cockscomb)

A splendid decorative plant for the garden. The feathery plumes are produced on long stems and are excellent for cutting.

	Large pkt.	Pkt.
Heatherdell (*New Ostrich Plume*). A fine new variety, with great trusses of feathered and interlaced plumes, in a fine range of red, pink and yellow shades mixed; especially adapted for pot culture	$1.00	$0.25
Golden Plume. Bright golden yellow plumes	.25	.10
Pride of Castle Gould. Immense flower heads that closely resemble ostrich plumes. Colors are blood-red, carmine, yellow, orange, golden, orange-scarlet, etc., in mixture	.60	.15
Scarlet	.25	.10
Choicest Mixed. All colors .... oz., 75c.	.25	.10

CERASTIUM (Snow in Summer)

***Tomentosum.** Dwarf, white-leaved edging plant; flowers white; perennial; 1 foot	.40	.10

CHEIRANTHUS

***Allionii** (*Siberian Wallflower*). A biennial, but best treated as an annual; brilliant orange flowers	.25	.10
Linifolius (*Alpine Wallflower*). Compact plants covered with lilac flowers	.40	.10

Centaurea Imperialis

CENTAUREAS

CENTAUREA CYANUS

(Cornflower or Bachelor's Button)

Also known as Blue Bottle, Ragged Sailor, Bluet, etc.; an old favorite garden annual; excellent for cutting; 2 feet.

	Oz.	Large pkt.	Pkt.
Double Blue	$0.60	$0.25	$0.10
Double Rose	.60	.25	.10
Double Rosy Red	.60	.25	.10
Double White	.60	.25	.10
Double Mixed	.40	.25	.10

CENTAUREA IMPERIALIS

(Giant Cornflower, or Sweet Sultan)

The finest of all Sweet Sultans for cut flower purposes; gigantic, beautiful sweet-scented flowers borne on long stems; 2 to 3 feet.

	Oz.	Large pkt.	Pkt.
Brilliant Pink	$0.90	$0.30	$0.10
Deep Rose	.90	.30	.10
Lavender	.90	.30	.10
Lilac	.90	.30	.10
Purple	.90	.30	.10
White	.90	.30	.10
Yellow (*Suaveolens*)	.90	.30	.10
Choice Mixed	.75	.25	.10
Collection. One packet each 6 colors			.50

WHITE LEAVED CENTAUREA (Dusty Miller)

Grown for their silvery foliage as edging plants, also for vases, hanging baskets, etc.

	Large pkt.	Pkt.
Candidissima. Broad cut leaves of silvery gray	$0.50	$0.10
Gymnocarpa. Fine cut silvery gray foliage	.25	.10

VARIOUS CENTAUREAS

	Large pkt.	Pkt.
Americana. Handsome, large thistle-like blooms of a rosy lavender color; 3 feet	$0.25	$0.10
Dealbata. Perennial; bright rose colored; 18 in.	.50	.10
Macrocephala. Perennial; golden yellow; 3 feet	.40	.10
Montana (*Hardy Cornflower*). Violet blue; 2 feet	.25	.10

CHELONE

A very showy perennial bedding plant; June to August, 4 ft.

	Large pkt.	Pkt.
Hybrida Torreyi. Brilliant scarlet	$0.30	$0.10
Hybrida Mixed. Various colors	.30	.10

CHINESE WOOLFLOWER (Celosia Childsii)

Very effective for beds and borders; ball-shaped flowers, resembling silky wool; 2½ feet.

	Large pkt.	Pkt.
Crimson	$0.40	$0.10
Pink	.40	.10

Chrysanthemum. Annual Single

CHRYSANTHEMUM (Annual Varieties)

Exquisitely colored daisy-like flowers with finely cut foliage. The following single sorts are of easy culture and splendid for cutting.

	Large pkt.	Pkt.
Burridgeanum. White, zoned scarlet and yellow	$0.25	$0.10
Purpureum. Deep purple, yellow zone	.25	.10
Eastern Star. Primrose, brown eye	.25	.10
Evening Star. Rich golden yellow	.25	.10
Morning Star. Canary yellow	.25	.10
Northern Star. Giant white yellow eye	.25	.10
Single Mixed oz., 40c.	.25	.10
Double Mixed oz., 40c.	.25	.10

CHRYSANTHEMUM (Perennial Varieties)

Geisha (*Cascade or Japanese Balcony*). This splendid variety makes good pot plants and is also suitable for hanging baskets and porch boxes; masses of single flowers in many delicate shades of pink, rose, yellow and white; excellent for cutting. Seed sown in March will flower in September and October. Mixed colors only. Pkt., 25c.; 50c. per large pkt.

	Large pkt.	Pkt.
Early Flowering Double and Semi-Double Mixed. A perennial variety, which can also be treated as an annual, blooming the first year from seed	$0.75	$0.25
Japanese Hybrids. Large flowers of the finest single types; an extra choice mixture; seed sown in Spring will produce flowering plants by Fall; 2 feet	.60	.15
King Edward VII. Flowers extra large, pure white.	.30	.10
Shasta Daisy, New Giant Double White (*Novelty*). Fine for cutting flowers extra large	.75	.25
Shasta Daisy, "Alaska." Extra large flowers, of pure glistening white: 2 feet	.40	.10

CINERARIA

Most ornamental plants for conservatory or house decoration; seed may be sown from May to September for a succession. Our strains cannot be surpassed; immense trusses of large flowers.

CREMER'S PRIZE STRAIN
(Novelty) (Wilt Resistant)

This splendid new strain is the result of a cross between Cineraria Multiflora Nana, Hybrida Grandiflora and Stellata; the flowers are larger than the Multiflora; plants very compact in habit with small leaves. Choice mixed colors. Original large pkts. only, $2.00 each.

MULTIFLORA "WEISSENSEER" (White Sea)

A new variety with flowers almost twice the size of the regular Multiflora strain; in color, a splendid range of blue, rose and white shades, with each individual flower having a decided white zone center; plant is of dwarf habit; a most attractive pot plant. Originator's stock seed only. Pkt., 50c.; $1.00 per large pkt.

MULTIFLORA GRANDIFLORA MAXIMA

Flowers extra large, measuring 2 to 3 inches in diameter and produced in quantities of 100 blooms and over to a plant; mixed colors only. Pkt., 50c.; 85c. per large pkt.

MULTIFLORA NANA (Berlin Market Strain)

Very dwarf and compact; flowers of large size, produced in great profusion and in a range of the best colors and shades.

	Large pkt.	Pkt.
Azure Blue	$0.85	$0.50
Dark Blue	.85	.50
Dark Red	.85	.50
Rose	.85	.50
Mixed Colors	.85	.50

CINERARIA, GRANDIFLORA PRIZE

	Large pkt.	Pkt.
Dwarf. Mixed colors	$0.85	$0.35
Medium Tall. Mixed colors	.85	.35
Stellata Hybrida (*Star Cineraria*). Tall mixed	.75	.25

WHITE LEAVED CINERARIA (Dusty Miller)

	Large pkt.	Pkt.
Maritima Candidissima. Silvery green, laciniated foliage; good for edging	$0.25	$0.10

CLARKIA ELEGANS

A popular annual of easy culture and much used for cutting, both indoors and out.

	Large pkt.	Pkt.
Double Purple Prince. Rich purple	$0.30	$0.10
" **Salmon Queen.** Brilliant salmon	.30	.10
" **Scarlet Queen.** Fiery scarlet	.30	.10
" **Vesuvius.** Orange scarlet	.30	.10
" **White**	.30	.10
" **Mixed.** All colors	.25	.10
Single Mixed. All colors	.25	.10

CLEMATIS

Paniculata (*Japanese Virgin's Bower*). A very popular hardy climber; the white, star-shaped flowers come in masses of bloom in September. Sow seed in the Autumn and leave outdoors over Winter	.25	.10

CLEOME (Spider Plant)

Pungens. An attractive annual plant with curious heads of pink flowers	.25	.10

COBAEA SCANDENS (Cup and Saucer Vine)

Well-known climber of rapid growth, producing large, bell-shaped blossoms; in sowing, place the seeds edgewise and merely cover with light soil.

	Large pkt.	Pkt.
Purple oz., 75c.	$0.25	$0.10
White	.30	.10

COLEUS

Large Leaved Varieties

Popular bedding plants with beautifully colored foliage; easily grown from seed if kept in a warm temperature.

	Large pkt.	Pkt.
Rainbow Mixture. An excellent mixture	$1.00	$0.35
Choice Mixed	.75	.25

COREOPSIS

One of our most popular perennials; the attractive flowers are borne in great profusion and are excellent for cutting.

	Oz.	Large pkt.	Pkt.
Lanceolata Grandiflora. Single golden yellow flowers of graceful form	$0.50	$0.25	$0.10
Lanceolata Grandiflora Fl. Pl. *(Double Flowering Coreopsis).* Similar in habit to the above; flowers double and semi-double; splendid for cutting	1.00	.30	.10
Mayfield Giant. Extra large flowers; plants tall and of vigorous growth	1.00	.30	.10

Double Crested Cosmos

COSMOS

One of the most beautiful and useful of hardy annuals, producing large showy flowers in great profusion; excellent for cutting.

SINGLE EARLY FLOWERING COSMOS

This Early Flowering Strain will commence blooming as early as July and will continue until frost; flowers large, often measuring 3 inches across.

		Oz.	Large pkt.	Pkt.
Extra Early Express Pink. An extra early dwarf variety, 2 to 3 feet high; medium size, bright pink flowers			$0.30	$0.15
Extra Early Express Mixed			.30	.15
Crimson	height, 4 feet	$0.60	.25	.10
Pink		.60	.25	.10
White		.60	.25	.10
Mixed		.50	.25	.10

COSMOS—Continued

Klondyke Orange Flare (Bodger)

NOVELTY

Now at last we may grow a lovely orange colored cosmos and be assured of having the flowers before frost. Orange Flare is a strain which is in full bloom in less than four months from sowing; color, vivid orange, with attractive light green foliage. Pkt., 25c.; 50c. per large pkt.

DOUBLE EARLY FLOWERING COSMOS

This new Early Flowering Strain will begin blooming in July and continue until frost.

	Large pkt.	Pkt.
Double Early Flowering, Crimson	$0.60	$0.25
" " " **Pink**	.60	.25
" " " **White**	.60	.25
" " " **Mixed**	.50	.25

DOUBLE LATE FLOWERING COSMOS

These, which are of recent introduction, are becoming more popular each season. Excellent for cutting.

	Large pkt.	Pkt.
Double Crested Crimson	$0.50	$0.15
Double Crested Pink Beauty	.50	.15
Double Crested White Queen. Pure white	.50	.15
Double Crested Mixed	.40	.15

SINGLE LATE FLOWERING COSMOS

Large flowers of perfect form, on long stems and lasting until frost; 5 to 6 feet.

	Oz.	Large pkt.	Pkt.
Giant Crimson	$0.50	$0.25	$0.10
" **Pink**	.50	.25	.10
" **White**	.50	.25	.10
" **Mixed**	.40	.25	.10
" **Lady Lenox.** Shell pink	.50	.25	.10
" **White Lady**	.50	.25	.10
Klondyke. Golden yellow flowers; 2 ft.	1.25	.30	.10

CONVOLVULUS (Morning Glory)

MAJOR, OR TALL VARIETIES

One of the most popular annual climbers, growing about 15 feet in height and thriving in almost any situation.

	Oz.	Pkt.
Japanese Imperial. Flowers of immense size and of a great variety of colors	$0.25	$0.10
Japanese Imperial Fringed. Large fringed flowers of many beautiful colors and shades	.30	.10

CUPHEA (Cigar Plant)

	Large pkt.	Pkt.
Platycentra. A pretty half-hardy perennial; fine for the border or as a pot plant; long, tube-shaped scarlet flowers with black and white lip	$0.75	$0.10

CYCLAMEN

Beautiful Winter and Spring flowering plants for the window and greenhouse. Not only are the flowers of striking beauty, but the foliage is also highly ornamental.

MICHELL'S GIANT SHOW

Grown for us by a specialist who has received numerous first prizes for the large size and beautiful coloring of the flowers.

	100 Seeds	Pkt.
Mixed. All colors	$2.00	$0.40

CYNOGLOSSUM (Chinese Forget-Me-Not)

	Large pkt.	Pkt.
Amabile. An annual of easy culture, producing sprays of intense blue Forget-me-not-like flowers, which are very fragrant; 2 feet	$0.25	$0.10

CYPERUS (Umbrella Plant)

Alternifolius. An elegant plant for growing in water or damp places; useful as a pot plant	.40	.10

CYPRESS VINE (Ipomoea Quamoclit)

A very graceful twining annual climber, with delicate fern-like foliage. Seed should be soaked for a few hours in warm water before sowing; 15 feet.

	Oz.	Large pkt.	Pkt.
Mixed	$0.40	$0.25	$0.10

DELPHINIUM (Hardy Perennial Larkspur)

One of the finest hardy perennials. Very effective in beds, masses or borders. To prolong the season of blooms, cut the old flower stems off after they have faded and new shoots will produce flower heads successively.

	Large pkt.	Pkt.
English Hollyhock (*Watkin Samuel's Wrexham Strain*). The finest large flowered type to date; immense spikes.		
Art Shades	$1.25	$0.50
Deep Blue Shades	1.25	.50
Light Blue Shades	1.25	.50
Selected Mixture (⅛ oz., $1.50)	1.00	.50
Summer Cloud. A splendid new, pure white type, growing to the same height as the Hybrid Delphiniums; excellent for cutting	1.00	.25
Blackmore and Langdon's (*Imported Strain*). A selected English variety; immense spikes; very large flowers; choice mixture	.75	.25
Belladonna (*Improved*). One of the most continuous blooming varieties; immense spikes of clear turquoise blue; 5 feet	.60	.25
Bellamosum. A rich, deep blue form of the popular light blue Belladonna	.60	.25
Cardinale. Very large flowers; color brilliant scarlet; 3 to 4 feet	.60	.25
Chinense Grandiflorum Blue. A dwarf strain with loose branches and sprays of bright blue flowers; 2 feet (oz., $1.25)	.30	.10
Chinense Grandiflorum Album. Pure white flowers (oz., $1.25)	.30	.10
Gold Medal Hybrids. Produces long spikes of large flowers. An extra fine strain containing many shades of blue (oz., $1.50)	.40	.10
Blue Butterfly. An annual variety of an exquisite deep blue (oz., $1.25)	.30	.15
White Butterfly. Annual variety (oz., $1.25)	.30	.15

DAHLIAS (From Seed)

There is no more fascinating flower to raise from seed than the Dahlia, for the result is a series of surprises.

DOUBLE FLOWERING VARIETIES

	Large pkt.	Pkt.
California Giants. A selection from named varieties, grown by a celebrated producer in California	$1.00	$0.50
Cactus. Choice mixed, from the best varieties	.75	.10
Large Flowering (*Show Type*). Mixed; extra fine	.60	.10
Unwin's Dwarf Hybrids Mixed (*Novelty*). Miniature, early flowering semi-double hybrids, 18 to 24 inches high, in a wide range of colors; splendid for bedding; requires no stakes and may be planted 18 to 20 inches apart	.75	.25

SINGLE FLOWERING VARIETIES

	Large pkt.	Pkt.
Orchid Flowering or Starfish. A new type; semi-dwarf habit of growth; choice mixture of colors	.75	.25
Coltness, Scarlet Gem. A splendid dwarf bedding type; plants are covered with bright, single scarlet flowers	.75	.25
Coltness Hybrids. Choice mixed colors	.60	.25
Giant Perfection. Immense single flowers of various colors and shades	.30	.10

DAISY, ENGLISH DOUBLE (Bellis Perennis)

These are favorite perennials; seed may be sown any time from Spring till August, transplanted in the Fall and protected during the Winter, and they will flower the following Spring. The Monstrosa varieties surpass all other strains in robust growth and in the abundance of extra large double flowers.

	Large pkt.	Pkt.
***Monstrosa, Etna.** Dark red	$0.75	$0.25
***Monstrosa, Pink**	.60	.25
***Monstrosa, White**	.60	.25
***Monstrosa, Mixed**	.60	.25
***Double Mixed.** Extra fine	.50	.10

Delphinium, English Hollyhock

DIANTHUS. See next page.

DICTAMNUS (Gas Plant)

	Large pkt.	Pkt.
Fraxinella. Showy, bushy perennials, 2½ feet high; purple red flowers; June and July	$0.50	$0.10

DIDISCUS

Coeruleus (*Blue Lace Flower*). An easily grown annual which is becoming very popular; the plant grows about 18 inches high and produces attractive, umbel-shaped flowers of lace-like appearance; the color is a delicate azure blue; excellent for cutting. Per pkt., 10c.; 40c. per large pkt.

DIGITALIS (Foxglove)

Ornamental hardy plants, succeeding almost anywhere; long spikes of beautiful, tubular-shaped flowers; 4 to 5 feet.

	Oz.	Large pkt.	Pkt.
Giant Shirley Mixed. A splendid giant strain, growing 3 to 5 feet high, with enormous spiked flowers		$0.30	$0.10
Gloxiniaeflora, Pink	$0.90	.30	.10
" **Purple**	.90	.30	.10
" **White**	.90	.30	.10
" **Mixed**	.75	.25	.10
Grandiflora. Light yellow	1.50	.40	.10
Monstrosa. Mammoth spikes; various colors	1.25	.30	.15

Our Booklet "The Hardy Flower Garden," will be sent free on request (wn)

Dianthus, Annual Pinks

DIANTHUS (Pinks)

Easily raised from seed; flower abundantly and continuously until frost; very effective in the garden and splendid for cutting.

DIANTHUS, SWEET WIVELSFIELD

	Large pkt.	Pkt.
This new annual is a hybrid, being a cross between Dianthus Alwoodi and Sweet William; seed started indoors in January and planted out in April will commence to flower in May, blooming profusely all Summer in a great variation of colors	$0.50	$0.15

DOUBLE ANNUAL SORTS

***Chinensis, Tom Thumb, Brilliant.** Double scarlet; a beautiful little edging or border plant which should be better known; a perfect gem for the rock garden	.60	.15
Chinensis (*China or India Pink*). All colors mixed oz., 60c.	.25	.10
Fringed. Large flowers; mixed oz., $1.00	.25	.10
Japan Pink. Choice mixed oz., 75c.	.25	.10

SINGLE ANNUAL SORTS

Japan Pink. All colors mixed oz., 75c.	.25	.10

HARDY GARDEN PINKS

Elegant Summer flowering border plants, producing a wealth of deliciously fragrant flowers.

	Large pkt.	Pkt.
***Alwoodi Alpinus.** A perfect gem for the rock garden; 4 to 6 inches high; choice colors. (100 seeds, 75c.)		$0.25
***Plumarius Cyclops.** Single perpetual Grass Pinks; assorted colors with blood red eye	$0.40	.15
***Caesius** (*Cheddar Pink*). Produces masses of pink flowers; splendid for rockeries	.50	.10
Clove Scented. Double and semi-double varieties, in beautiful colors; fragrant	.50	.10
***Deltoides, Brilliant** (*Maiden Pink*). Dwarf brilliant carmine	.60	.15
Double Scotch. Choice colors	.50	.10
Latifolius Atrococcineus Fl. Pl. (*Everblooming Hybrid Sweet William*). Free flowering; velvety crimson scarlet; double	.30	.10
Pheasant's Eye. Single fringed flowers; mixed colors oz., 75c.	.25	.10
***Dianthus, Rock Garden Species.** A special mixture of 25 rare varieties well adapted for rock gardens	.75	.25

DIMORPHOTHECA

	Large pkt.	Pkt.
Aurantiaca (*African Orange Daisy*). One of the showiest garden annuals; bushy plants with orange-gold daisy-like blooms on long stems	$0.30	$0.10
Aurantiaca Hybrida. A splendid mixture of colors and shades	.30	.10

DOLICHOS (Hyacinth Bean)

Rapid growing annual climber, bearing a profusion of bean-like flowers; excellent for arbors, trellises, etc.

	Oz.	Pkt.
Choice Mixed	$0.20	$0.10

DRACAENA

Ornamental plants for vases or conservatory decoration.

	Large pkt.	Pkt.
Australis. Broad green leaves	$0.30	$0.10
Indivisa. Narrow green leaves oz., 60c.	.25	.10

DUSTY MILLER. See Centaurea and Cineraria Maritima

ECHINOCYSTIS (Wild Cucumber Vine)

Lobata. One of the quickest growing vines, excellent for covering trellises, fences, etc. oz., 30c.		.10

ECHINOPS (Globe Thistle)

Ritro. Hardy perennial with thistle-like leaves and round heads of steel blue flowers; 5 feet	.25	.10

EDELWEISS (Leontopodium)

***Alpinum.** A splendid perennial rock plant with silvery white flowers	.75	.25

ERIGERON (Flea Bane)

Speciosus Hybridus Grandiflorus. A Summer flowering perennial plant, with large rosy lilac, aster-like flowers; 2 feet	.50	.10

ERINUS

***Alpinus, Mixed.** A fine Spring blooming perennial rock plant	1.00	.25

ERYNGIUM (Sea Holly)

A handsome ornamental perennial plant, with round heads of flowers, which can be cut and dried for Winter bouquets.

	Large pkt.	Pkt.
Amethystinum. Metallic blue flowers; 3 feet	$0.60	$0.15
Planum. Pale blue; 4 feet	.25	.10

ESCHSCHOLTZIA (California Poppy)

An elegant hardy annual with fine cut foliage and large Poppy-like flowers; in bloom from June until frost; fine for borders or large beds; 1 foot.

	Large pkt.	Pkt.
Californica. Pure yellow oz., 40c.	$0.25	$0.10
Golden West. Large golden yellow flowers. oz., 40c.	.25	.10
Mauve Beauty. Lavender mauve oz., $1.00	.30	.10
Rose Cardinal. Carmine rose oz., 40c.	.25	.10
Vesuvius. Rich wallflower or coppery red oz., 90c.	.30	.10
White oz., 40c.	.25	.10
Choice Mixed oz., 40c.	.25	.10
Collection, one packet each, 6 varieties		.50

EUPATORIUM

Fraseri. A fine hardy perennial, thriving in almost any situation; feathery white flowers; excellent for cutting; 3 feet	.40	.10

EUPHORBIA

Annual plants suitable for beds of tall growing plants or mixed borders; showy ornamental foliage; height, 2 to 3 feet.

	Large pkt.	Pkt.
Heterophylla (*Mexican Fire Plant*). Glossy green leaves turning to orange scarlet in mid-season	$0.30	$0.10
Variegata (*Snow on the Mountain*). Foliage veined and margined with white oz., 60c.	.25	.10

EXACUM

Affine. Fragrant, light blue flowers; plants very dwarf; excellent for pots and baskets	1.25	.50

Varieties marked * are especially suitable for rock gardens

EVERLASTING FLOWERS

These should be grown in every garden, not only for Summer blooming, but also as dried cut flowers for Winter decoration.

ACROCLINIUM

Showy, free-flowering annual plants; excellent for cutting; 1 foot.

	Large pkt.	Pkt.
Double Rose Pink	$0.25	$0.10
Double Mixed	.25	.10

GOMPHRENA (Globe Amaranth)

Also called "Bachelor's Buttons;" a showy annual everlasting.

	Oz.	Large pkt.	Pkt.
Globosa. Tall, purple red; splendid for cutting	$0.50	$0.25	$0.10
Golden Yellow	.75	.30	.10
Nana Compacta. Dwarf red; 1 foot	.50	.25	.10
Mixed. All colors; 2 feet	.50	.25	.10

HELICHRYSUM MONSTROSUM (Strawflower)

One of the best and most popular of the everlasting flowers; large double flowers; 2 feet.

	Oz.	Large pkt.	Pkt.
Rose Queen. Immense flowers of a rich deep rose	$0.90	$0.30	$0.10
Buttercup. Canary yellow	.90	.30	.10
Fireball. Crimson	.90	.30	.10
Golden Ball. Golden yellow	.90	.30	.10
Rose Carmine	.90	.30	.10
Salmon Pink	.90	.30	.10
Silver Ball. White	.90	.30	.10
Violet	.90	.30	.10
Choice Mixed	.75	.25	.10

Collection, one packet each six colors, 50c.

RHODANTHE (Swan River Everlasting)

	Large pkt.	Pkt.
Mixed Colors. A beautiful annual, for the garden or for pot culture; 1 foot	$0.25	$0.10

XERANTHEMUM (Immortelle)

	Large pkt.	Pkt.
Double Mixed. Showy annual, producing a profusion of flowers	.25	.10

FERN SPORES

The following are not hardy and only suitable for house or greenhouse culture.

	Large pkt.	Pkt.
Adiantum (*Maiden Hair*). Mixed	$1.00	$0.15
Pteris Varieties. Mixed	1.00	.15
All Sorts Mixed. Choice collection	1.00	.15

We can also furnish all other good varieties of fern spores.

FEVERFEW. See Matricaria

FORGET-ME-NOT. See Myosotis

FOUR O'CLOCK. See Marvel of Peru

FOXGLOVE. See Digitalis

GENTIANA (Blue Gentian)

	Large pkt.	Pkt.
***Acaulis.** Dwarf hardy perennial; deep blue flowers; suited to moist, shady situations	$0.75	$0.10

GERANIUM

	100 seeds	Pkt.
Apple Scented. Highly esteemed on account of its fern-like fragrant foliage; 1 foot	$0.75	$0.10
Pelargonium (*Lady Washington*). Seed saved from the largest flowered show varieties	3.50	.25

	Large pkt.	Pkt.
Zonale Mixed. A superb strain of the largest and finest varieties; 1 to 2 feet	$0.60	$0.10

GERBERA (Transvaal Daisy)

	100 seeds	Pkt.
Jamesoni Hybrida. Splendid greenhouse perennial with large, fine-leaved, daisy-like flowers. These hybrids include a wonderful range of brilliant colors and shades; splendid for pot plants or cutting	$0.60	$0.25

Helichrysum Monstrosum

GAILLARDIA (Blanket Flower)

ANNUAL VARIETIES

Splendid showy annuals for beds or borders, excellent for cutting; blooms continuously from early Summer until November; 15 to 18 inches.

	Large pkt.	Pkt.
Indian Chief. Single; brilliant bronzy red. oz., 75c.	$0.25	$0.10
Double Annual Mixed (*Picta Lorenziana*). oz., 60c.	.25	.10
Single Annual Mixed (*Picta*). oz., 60c.	.25	.10

PERENNIAL VARIETIES

One of the most showy of hardy perennials, blooming the first year from seed if sown early; 2 feet.

	Large pkt.	Pkt.
Grandiflora, Burgundy. Bright copper red blooms on long stems; very free flowering; comes 60% to 80% true from seed	$0.75	$0.25
Grandiflora Portola Hybrids. Flowers of immense size; colors range through shades of bronzy red with golden tipped petals	.40	.15
Grandiflora Tangerine. Giant orange flowers, overlaid with red	.50	.25
Grandiflora Compacta. A compact variety; choice mixed colors; 12 to 15 inches. oz., $1.25	.30	.10
Grandiflora Semi-Double. Mixed	.30	.10
Grandiflora Superba. Mixed colors. oz., 75c.	.25	.10

GEUM

Beautiful hardy perennials bearing large, showy double flowers all through the Summer; fine for bouquets; 1½ feet.

	Large pkt.	Pkt.
Atrosanguineum Fl. Pl. Dark crimson	$0.50	$0.10
Borisii. Brilliant scarlet, with neat tops of evergreen foliage; 16 inches	.75	.25
Lady Stratheden. Golden yellow	.60	.25
Mrs. Bradshaw. Brilliant scarlet	.60	.15

GILIA

Capitata. A very graceful annual, growing about 2 feet high; lavender-blue flowers; excellent for cutting	.25	.10

Success with House Plants (Kift and Hedenberg) Price, 75c.

GLOBULARIA (Globe Daisy)

	Large pkt.	Pkt.
Trichosantha. Shrubby perennial plants, with fluffy balls of pale blue flowers; 12 inches	$1.00	$0.25

GLOXINIA

Hybrida Grandiflora. Excellent greenhouse plants with flowers of the richest colors. Our seed is saved from selected plants of a collection grown by a celebrated German specialist	.85	.25

Godetia

GODETIA (Satin Flower)

Beautiful and easily grown annuals producing a profusion of flowers of satiny texture.

	Large pkt.	Pkt.
Azaleaflora. Dwarf double; bright carmine color; excellent for pot culture and can really be called a miniature Azalea	$0.40	$0.15
Choice Mixed. All colors	.25	.10

GOMPHRENA (Globe Amaranth)

See Everlastings, page 27.

GOURD (Ornamental)

Rapid growing, interesting annual climbers with ornamental foliage and singular shaped fruit; 15 to 20 feet.

	Oz.	Large pkt.	Pkt.
Large Sorts Mixed	$0.40	$0.25	$0.10
Small Sorts Mixed	.40	.25	.10

GRASSES (Ornamental)

These are very interesting and useful, either for growing in clumps, mixed borders or in shrubberies. Also when dried they are fine for winter bouquets and decorations, for which purpose they should be gathered before fully matured.

COIX LACHRYMAE (Job's Tears)

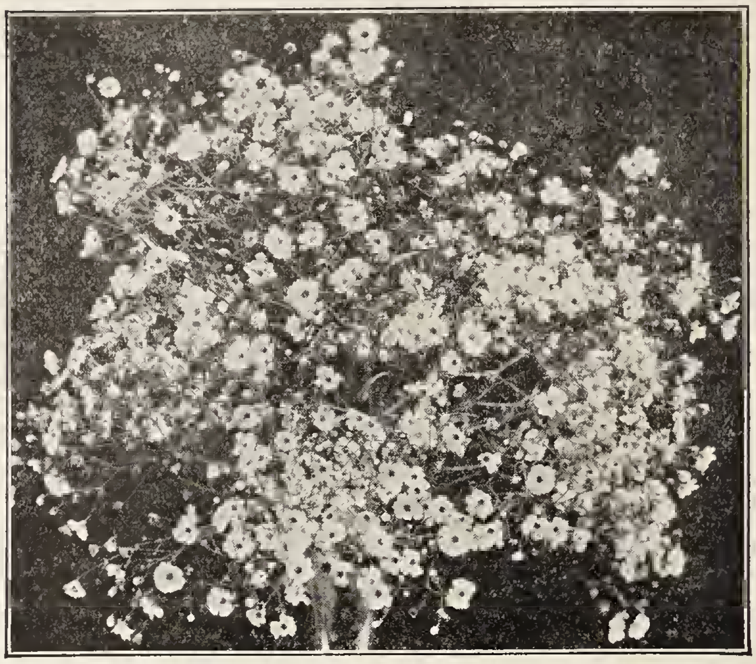
	Large pkt.	Pkt.
A strong, broad leaved ornamental grass, with large shining, pearly seeds; annual; 2 to 3 feet...oz., 20c.		$0.10

PENNISETUM

Longistylum. Graceful greenish-white plumes; fine for bordering beds; annual; 2 feet	$0.25	.10
Ruppelianum (*Purple Fountain Grass*). Excellent as an edging to beds of tall plants; purple plumes; annual; 2 feet	.25	.10

GREVILLEA (Silk Oak)

	Large pkt.	Pkt.
Robusta. A beautiful and graceful decorative plant with fern-like foliage; excellent for table decoration. (oz., $1.00)	$0.30	$0.10



Gypsophila, Elegans Alba Grandiflora

GYPSOPHILA (Baby's Breath)

Pretty, free-flowering plants of easy culture; excellent for cutting to mix with other flowers; 2 feet.

	Oz.	Large pkt.	Pkt.
Elegans Alba Grandiflora (*True Paris Market Strain*). A splendid annual variety; delicate sprays of pure white flowers	$0.25		$0.10
Elegans Carminea. Bright carmine rose	.30		.10
Elegans Rosea. Pink	.30		.10
Paniculata. Hardy perennial variety; flowers in graceful sprays of white	.60	$0.25	.10
Paniculata Fl. Pl. Perennial, with a profusion of double white flowers and coming 30 to 40 per cent true		.75	.20
***Repens.** A pretty dwarf, trailing perennial plant for the rockery; tiny white flowers		.40	.10
***Repens Rosea.** Pinkish white flowers		.50	.10

HELENIUM (Sneeze Wort)

	Large pkt.	Pkt.
Autumnale Superbum. Hardy perennial; large heads of golden yellow flowers; blooms in late Summer and Autumn; 3 feet	$0.75	$0.20

HELIANTHEMUM (Rock, or Sun Rose)

***Mutabile.** A very pretty perennial for the rockery; completely covered with masses of bloom from May to June; choice mixed varieties; 8 inches	.40	.15

HELIANTHUS. See Next Page

HELICHRYSUM (Strawflower)

See Everlastings, page 27.

HELIOPSIS (Orange Sunflower)

A handsome hardy perennial; excellent for cutting.

Pitcheriana. Deep yellow; 3 to 4 feet	.25	.10
Scabra Zinniaeflora. Semi-double, yellow; 3 feet.	.40	.10
Soleil d'Or. Double golden yellow; 5 feet	.30	.10

HELLEBORUS

Niger (*Christmas Rose*). Perennial; 15 inches; seed germinates slowly	.40	.10

Varieties marked * are especially suitable for rock gardens

HELIANTHUS (Sunflower)

Well known and popular plants, the small flowering sorts being useful for cutting; the tall varieties are valuable for backgrounds.

ANNUAL VARIETIES

Small Flowered Sorts

	Large pkt.	Pkt.
Cut-and-Come-Again. Single golden yellow flowers, with petals twisted like a Cactus Dahlia..oz., 40c.	$0.25	$0.10
Stella. Single, golden yellow flowers with black centers; invaluable for cutting; 4 feet.....oz., 40c.	.25	.10
Large Flowered Sorts		
Chrysanthemum Flowered. Large double golden yellow flowers, resembling Chrysanthemums; 7 feet.....oz., 40c.	.25	.10
Double Globe (*Globosus Fistulosus*). Large double yellow flowers; height, 6 feet.....oz., 40c.	.25	.10
Dwarf Double (*Globe of Gold*). Yellow flowers; 3 feet.....oz., 40c.	.25	.10
New Red. Extra large flowers, some of which are rich chestnut red, others tipped with yellow...oz., 60c.	.25	.10
Russian Mammoth. Immense single yellow flowers on tall heavy stalks; 6 feet.....oz., 15c.		.10

HELIOTROPE

A well-known and highly prized plant on account of the delightful fragrance of the flowers; seed started indoors in the Spring will make fine plants for Summer blooming; can also be sown outdoors in May; excellent for pots, or for bedding; 18 inches.

	Large pkt.	Pkt.
Lemoine's Giant. Produces very large heads of flowers; mixed colors	$0.50	$0.15
Regal. Of dwarf compact growth; immense flowers, all shades	.60	.15
Choice Mixed. In great variety	.40	.10

HEUCHERA (Coral Bells or Alum Root)

A fine hardy perennial and excellent for cutting.

	Large pkt.	Pkt.
Brizoides. Bright rose color; 2½ feet	$0.75	$0.15
Sanguinea. Vivid crimson flowers; 1 foot	.75	.15

HIBISCUS (Marshmallow)

A very showy perennial, growing 4 feet high; flowers of enormous size, often 10 to 12 inches in diameter.

	Large pkt.	Pkt.
Giant Dark Red	$0.30	$0.10
Giant Pink	.30	.10
Giant White	.30	.10
Giant Choice Mixed	.25	.10

Giant Hibiscus

HOLLYHOCK

A popular and desirable hardy perennial plant succeeding best in rich well-drained soil; excellent for planting among shrubbery or forming a background for other flowers; seed sown any time before midsummer will produce fine plants for blooming the following Summer; 6 to 7 feet.

Triumph (*New*). A splendid type of branching habit, 4 to 5 feet high and flowering 10 days earlier than the regular type; choice mixed colors. Pkt., 25c.; 60c. per large pkt.

Allegheny. Semi-double, mammoth flowers; petals fringed; mixed. Pkt., 10c.; 25c. per large pkt.; oz., 75c.

Chater's Double Maroon. Pkt., 10c.; 50c. per large pkt.; oz., $2.00.

Chater's Double Newport Pink. Pure pink. Pkt., 10c.; 50c. per large pkt.; oz., $2.25.

Chater's Double Pink. Pkt., 10c.; 50c. per large pkt.; oz., $2.00.

Chater's Double Red. Pkt., 10c.; 50c. per large pkt.; oz., $2.00.

Chater's Double Salmon. Pkt., 10c.; 50c. per large pkt.; oz., $2.00.

Chater's Double White. Pkt., 10c.; 50c. per large pkt.; oz., $2.00.

Chater's Double Yellow. Pkt., 10c.; 50c. per large pkt.; oz., $2.00.

Chater's Double Mixed. Pkt., 10c.; 40c. per large pkt.; oz., $1.50.

Collection, one packet each 6 colors, 50c.

Hollyhock, Chater's Double

ANNUAL EVER-BLOOMING HOLLYHOCK

While these are also hardy perennial varieties, if seed is sown in the house in March or April they will bloom the first season.

Double Ever-Blooming Mixed. Pkt., 10c.; 30c. per large pkt.; oz., $1.00.

SINGLE HOLLYHOCK

	Oz.	Large pkt.	Pkt.
Chamois	$1.50	$0.40	$0.10
Mauve	1.50	.40	.10
Pink	1.50	.40	.10
Rose	1.50	.40	.10
Scarlet	1.50	.40	.10
White	1.50	.40	.10
Yellow	1.50	.40	.10
Mixed	.75	.25	.10

HONESTY (Moonwort)

	Large pkt.	Pkt.
Biennis Alba. Hardy biennial admired for its silvery seed pods; beautiful and curious; 2 feet	$0.30	$0.10

HUMULUS (Japanese Hop)

	Oz.	Large pkt.	Pkt.
Japonicus Variegatus. A rapid growing annual climber; leaves beautifully mottled and splashed silvery white, light and dark green, excellent for covering verandas, trellises, etc.	$1.00	$0.25	$0.10

HUNNEMANNIA (Giant Yellow Tulip Poppy)

Seed sown outdoors in May, produces large quantities of giant tulip-like flowers during end of July and continuing for the balance of the season; height 1 foot.

	Large pkt.	Pkt.
Sunlite. Semi-double, bright canary yellow; grey green foliage	$0.50	$0.15
Fumariaefolia. Giant yellow.....oz., 75c.	.25	.10

See Perennial Plant pages for Hollyhock plants

IMPATIENS (Sultan's Balsam)

A charming plant for house and conservatory decorations, flowering profusely and almost continuously.

	Large pkt.	Pkt.
Holstii. Flowers large, vermilion red	$0.75	$0.20
Holstii, "New Hybrids." Choice mixed colors	.75	.15
Sultani. Bright rose	.75	.15
Sultani Hybrids. Various colors	.75	.15

INCARVILLEA

Delavayi (*Hardy Gloxinia*). A good plant for the hardy border; masses of showy Gloxinia-like flowers; should be protected over the Winter; perennial; 2 feet	.75	.25

IPOMOEA

Rose Marie (*New*). Double, deep rose; early and free flowering ... oz., $1.00	.30	.10
Heavenly Blue, New Improved Early Flowering (*Rubra Coerulea*). Beautiful large sky-blue flowers ... oz., $1.25	.50	.10
Noctiflora (*Moon Flower*). At night and during dull days the plants are covered with an abundance of large pure white fragrant flowers ... oz., 50c.	.25	.10
Setosa (*Brazilian Morning Glory*). Large leaves and bright rose-colored flowers ... oz., 50c.	.25	.10

JOB'S TEARS. See Grasses, Page 28

KENILWORTH IVY. See Linaria

KOCHIA (Summer Cypress)

Childsii. An easily grown annual, which forms a cypress-like hedge, with feathery green foliage; at the approach of Autumn the foliage turns to a deep red color; 2 to 3 feet ... oz., 40c.	.25	.10

LADY SLIPPER. See Balsam

Larkspur, Tall Double Stock Flowered

LARKSPUR (Annual)

Of easy culture; seed sown early in Spring will produce blooming plants by July; fern-like foliage and slender spikes with double rosette flowers; fine for cutting or garden decoration.

GIANT IMPERIAL

This new group of Larkspur is identical in branching habit with the Giant Imperial Stock; flowers very double; plants of strong, robust growth.

	Large pkt.	Pkt.
Blue Bell (*New*). Clear light blue	$0.40	$0.15
Gloria (*New*). Fine deep rose	.40	.15
Lilac Queen (*New*). Rich lilac, shading lavender blue	.40	.15
Blue Spire. An intense deep oxford blue	.40	.15
Lilac Spire. Bright lilac	.40	.15
White Spire. A dazzling pure white	.40	.15
Carmine King. Rich carmine	.40	.15
Exquisite Rose. A beautiful shade of rose pink	.40	.15
Los Angeles. This splendid variety is the best of its color, a pleasing rich salmon overlaid with brilliant rose	.40	.15
Choice Mixed	.30	.15

TALL DOUBLE STOCK FLOWERED

Plants branch freely, bearing long spikes of beautiful double flowers; height, 2½ feet.

	Oz.	Large pkt.	Pkt.
Exquisite Pink. An extra fine variety; a beautiful soft pink shade	$0.75	$0.25	$0.10
Dark Blue	.75	.25	.10
Lilac	.75	.25	.10
Lustrous Carmine (*Newport Pink*)	.75	.25	.10
Shell Pink	.75	.25	.10
Sky Blue	.75	.25	.10
White	.75	.25	.10
Mixed. All colors	.60	.25	.10

IMPROVED GIANT HYACINTH FLOWERED

These grow about 4 feet in height and are especially adapted for growing under glass.

	Oz.	Large pkt.	Pkt.
Dark Blue	$1.00	$0.30	$0.10
Lilac	1.00	.30	.10
Pink	1.00	.30	.10
White	1.00	.30	.10
Mixed	.75	.25	.10

EMPEROR DWARF BRANCHING

Double Stock Flowered

	Large pkt.	Pkt.
Enchantress (*Novelty*). A splendid new variety suitable for bedding or pots; color, soft salmon pink; plants compact and about 2 feet high, making an excellent garden plant	$0.50	$0.25

TALL BRANCHING SINGLE

	Large pkt.	Pkt.
Mixed Colors	$0.25	$0.10

LATHYRUS LATIFOLIUS

(Everlasting or Perennial Pea)

Showy hardy perennial climber, for covering walls, stumps, fences, etc. Free flowering, excellent for cutting; 6 to 8 feet.

	Oz.	Large pkt.	Pkt.
Crimson. Brilliant	$0.75	$0.25	$0.10
Pink Beauty. Bright rosy-pink	.75	.25	.10
White	.75	.25	.10
Choice Mixed. All colors	.60	.25	.10

LAVATERA (Annual Mallow)

Rosea Splendens. Bright rose pink; 3 feet	.75	.25	.10

LAVENDER (Lavendula Vera)

	Large pkt.	Pkt.
Well-known hardy perennial, bearing long spikes of fragrant blue flowers; 18 inches ... oz., $1.00	$0.30	$0.10

For Perennial Larkspur, see Delphinium, page 25

LEPTOSYNE

One of the quickest growing annuals, blooming in 5 weeks after sowing the seed; excellent for cutting.

	Large pkt.	Pkt.
Maritima. Large lemon yellow, Marguerite-like flowers; 3 feet	$0.30	$0.10
Stillmani. Golden yellow; 18 inches	.30	.10

LIATRIS (Blazing Star)

Pycnostachya. A showy hardy perennial border plant; long spikes of violet purple flowers; 4 feet	.40	.15
Scariosa. An improved strain, with larger flowers and more spreading habit than the above; color, clear rose purple	.60	.15

LILY

Philippinense Formosanum. Resembles an Easter lily; will bloom in 6 to 8 months from time seed is sown; 3 feet	.60	.25
Regale (*Lil. Myriophyllum*). Perfectly hardy and also excellent for forcing; flowers waxy white; fragrant	.40	.15

LINARIA

***Alpina.** Purple, blotched orange; perennial; 4 inches	1.00	.25
Cymbalaria (*Kenilworth Ivy*). A perennial trailing plant with violet flowers; useful for baskets, vases, pots and rock work	.50	.10
Maroccana Hybrids Mixed (*Toad Flax*). A very showy annual; 12 inches	.25	.10

LINUM (Flax)

Flavum. Perennial yellow Flax; 2 feet	.60	.15
Perenne. Hardy perennial variety, with bright blue flowers; 1½ feet ... oz., 60c.	.25	.10
Rubrum. Large flowered scarlet Flax; annual; 16 inches	.25	.10

LOBELIA

No garden is complete without an edging of blue Lobelia and for a long season of bloom there is nothing that can take its place; also desirable for pots, hanging baskets, etc.

	Large pkt.	Pkt.
Sutton's Cambridge Blue. (*New*). Large light-blue flowers; dwarf and compact	$0.75	$0.25
Michell's Blue Stone. A splendid dwarf variety of compact growth; plants are completely covered with large, bright blue flowers; fine for borders or boxes	.75	.20
Crystal Palace Compacta. Very compact; deep blue; the best for edging	.60	.10
Crystal Palace Speciosa. Of trailing habit; deep ultramarine blue; fine for vases	.40	.10
Emperor William. Flowers sky blue	.50	.10
Sapphire. A beautiful trailing variety, of strong growth; the flowers are unusually large; color, deep blue with large clearly defined white eye	.75	.20
Mixed. All colors	.40	.10
Cardinalis (*Cardinal Flower*). Hardy perennial, with long spikes of cardinal red flowers	.75	.10

LYCHNIS

Elegant hardy perennials of easy culture, for massing in large beds or borders.

	Large pkt.	Pkt.
Arkwrightii. Splendid hybrids; free flowering	$0.40	$0.10
Chalcedonica (*Rose Campion*). Fine scarlet cross-like flowers; 2 feet; July ... oz., 60c.	.25	.10
Haageana. Brilliant, large, orange, scarlet, pink and crimson flowers in mixture; 1 foot; July	.50	.10
***Viscaria Splendens.** Bright rose red, very showy; fine for the rockery; 1 foot	.30	.10

LYTHRUM (Loose-Strife)

Roseum Superbum. A fine hardy perennial, producing spikes of rosy-pink flowers, from July to September; 3 feet	.30	.10

MARVEL OF PERU (Four O'Clock)

	Oz.	Pkt.
Choice Mixed. Free flowering, garden favorites; very showy; flowers in many bright colors; 2 feet	$0.25	$0.10

MATRICARIA (Feverfew)

	Large pkt.	Pkt.
Double White. Hardy annual, for bedding or pot culture; white flowers; 18 inches ... oz., 75c.	$0.25	$0.10
Golden Ball. Bright yellow flowers; perennial	.60	.10

Lupinus, Giant Hartwegi

LUPINUS (Lupin)

ANNUAL VARIETIES

Free flowering, easily grown plants, with long spikes of pea-shaped flowers; valuable for mixed borders, beds and for cutting; 2 feet.

NEW HARTWEGI GIANTS OR KING (*Novelty*)

A new and improved strain; grows from 3 to 4 feet high with the base-branching habit. Each plant produces from 4 to 6 spikes of bloom which are much larger than the old type.

	Large pkt.	Pkt.
King Blue. Enormous spikes of rich Oxford blue color	$0.50	$0.20
King Sky Blue. Clear light blue	.50	.20
King White. Glistening pure white; giant spikes.	.50	.20
Choice Mixture	.40	.15

	Oz.	Large pkt.	Pkt.
Rich Blue	$0.40	$0.25	$0.10
Pink	.40	.25	.10
Sky Blue	.40	.25	.10
White	.40	.25	.10
Mixed. All colors	.40	.25	.10

PERENNIAL VARIETIES

Hardy perennials of easy culture; graceful spikes of pea-shaped flowers; fine for cutting; May and June; 2 to 3 feet.

	Large pkt.	Pkt.
Polyphyllus Salmon Queen. This beautiful new variety is a strain of salmon shades, coming fairly true	$0.60	$0.25
Polyphyllus Blue	.25	.10
" **Luteus.** Yellow shades	.40	.15
" **Moerheimi.** Pink and white	.40	.15
" **Roseus.** Pink	.25	.10
" **White**	.25	.10
" **Mixed** ... oz., 40c.	.25	.10
" **New Hybrids Mixed** ... oz., $1.25	.40	.10

Varieties marked * are especially suitable for rock gardens

MARIGOLD (Tagetes)

These are old favorite free flowering annuals with rich and showy flowers blooming all Summer. The Tall African varieties are well adapted for large beds or mixed borders while the Dwarf French varieties are better suited for bedding purposes.

TALL AFRICAN VARIETIES

Tall growing, from 2½ to 3 feet high.

Dixie Sunshine. This is an entirely new Chrysanthemum-flowered type, coming fully 100% double, pleasantly without the familiar Marigold odor in the flowers. The brilliant golden yellow flower is actually a head of tiny five-petaled flowers, a laciniated effect. Tall bushy growth, rich green foliage, supporting a mass of bright flowers on fine stems for cutting. Late flowering. Pkt., 25c.; 75c. per large pkt.

Yellow Supreme (*New*). Broad, loose frilled petals, similar to Guinea Gold, of a rich creamy, lemon yellow color; plant very symmetrical; splendid for cutting; 2 feet. Pkt., 15c.; 50c. per large pkt.

Giant Golden Emblem (*Novelty*). This variety is a rich lemon gold, with very large flowers, measuring from 4 to 5 inches in diameter; the shade is between Lemon Queen and Orange Prince; flowers large, exceedingly double and splendid for cutting. Pkt., 25c.; 60c. per large pkt.

Guinea Gold. A very valuable novelty that has created a sensation as a most desirable cut flower; it is a distinct type, producing no singles whatsoever, the flowers coming 100% double and semi-double; color, clear orange, flushed with gold; very loose petaled and lacks the odor of the regular African Marigold. Pkt., 15c.; 50c. per large pkt.

	Large pkt.	Pkt.
Alldouble Orange. This new variety will produce a large percentage of double flowers, of a bright orange shade	$0.50	$0.15
Lemon Queen. Soft lemon yellow.......oz., $1.25	.30	.10
Orange Prince. Large flowers of a deep golden orange color; very showy..............oz., $1.25	.30	.10
Large African. Tall double mixed........oz., 75c.	.25	.10

DWARF AFRICAN VARIETIES

This new strain of Dwarf African Marigold is admirably adapted for bedding. Plants sturdy and free flowering, forming a veritable pyramid of bloom; excellent for borders or solid beds.

Golden Queen. Large flowered golden yellow.....	.40	.15
Orange Queen (*New*). Vivid, bright orange......	.50	.15
Primrose Queen. Clear primrose yellow.........	.40	.15

MEXICAN DWARF

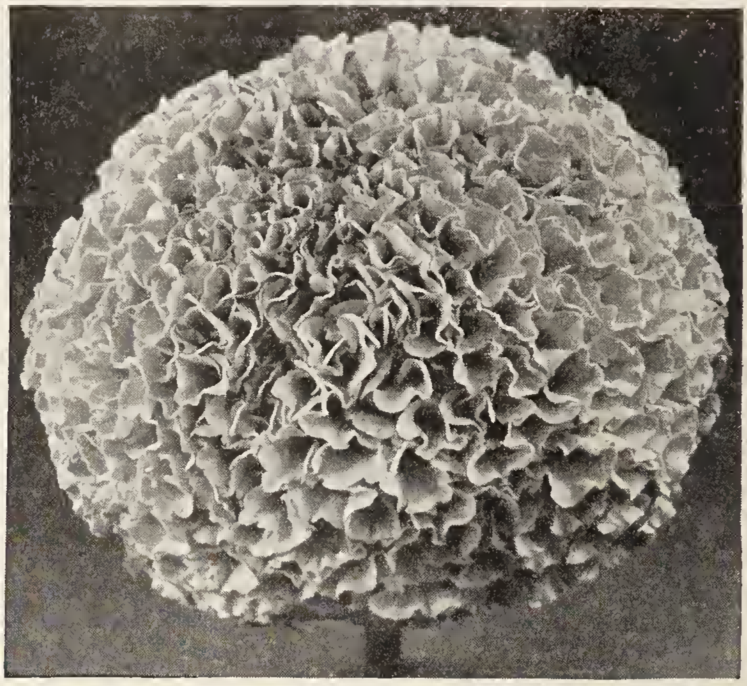
An outstanding 1936 introduction; semi-dwarf in habit, branching freely, with heavily laden quantities of unique semi-tubular petaled flowers, of bright orange; an excellent variety. Pkt., 25c.; 60c. per large pkt.

DOUBLE FRENCH VARIETIES

Harmony (*Novelty*). A splendid new French variety; a Scabiosa flowered type; color deep orange with maroon collar; very double, free flowering and splendid for borders. One of the best of the newer sorts. Pkt., 15c.; 50c. per large pkt.

Double Monarch. This new variety has all the qualities which make up the ideal type of the Dwarf Double French strain; flowers large and exceedingly double, in a wide range of colors, which include combinations of orange, bronze, yellow and mahogany; excellent for bedding or border use. Pkt., 15c.; 30c. per large pkt.

	Large pkt.	Pkt.
Robert Beist. Very large dark maroon flowers..................................oz., 75c.	$0.25	$0.10
Dwarf Gold Striped. Double brownish red striped golden yellow; 1 foot....................oz., 75c.	.25	.10
Golden Ball. Very compact; flowers large, golden yellow.................................oz., 75c.	.25	.10
Lemon Ball. Pale sulphur yellow; plants very compact...................................oz., 75c.	.25	.10
Mahogany. Rich mahogany brown.......oz., 75c.	.25	.10
Dwarf Double French Mixed. 1 foot....oz., 60c.	.25	.10
***Lilliput Mixed.** Very dwarf; excellent for pots; 8 inches.................................oz., 85c.	.30	.10



African Marigold, Golden Emblem

MARIGOLD—Continued

SINGLE FRENCH VARIETIES

	Large pkt.	Pkt.
Fire Cross. This new dwarf single variety is the best of its type; color, deep orange yellow, each petal marked with a crimson maroon blotch..oz., 75c.	$0.25	$0.10
Legion of Honor (*Little Brownie*). Single flowers; golden yellow with a large spot of crimson velvet; 9 inches; early flowering................oz., 60c.	.25	.10
Signata Pumila (*Tagetes*). Golden yellow; this type is splendid for edging; 10 inches..........oz., 85c.	.25	.10
Tall French, Australian Giant or Tree. Very late flowering; height, 5 feet, with masses of brownish yellow flowers; excellent for cutting......	.40	.15
Tall Single French, Josephine. Dark brown with gold edges...............................oz., 75c.	.25	.10
Tall Double French Mixed..............oz., 75c.	.25	.10

MATTHIOLA

Bicornis (*Evening Scented Stock*). A desirable annual on account of its delightful fragrance during the evening; color, purplish lilac..................	.25	.10

MESEMBRYANTHEMUM

Crystallinum (*Ice Plant*). Dwarf trailing annual for rockeries, edgings and vases. Singular icy foliage; flowers white...........................	.25	.10

MEXICAN FIRE PLANT

See Euphorbia Heterophylla

MIGNONETTE

No garden is complete without this fragrant flower; can also be grown in pots for Winter and early Spring flowering.

	Large pkt.	Pkt.
Allen's Defiance. Spikes invariably attain a height of 12 to 15 inches; fragrant..............oz., 60c.	$0.25	$0.10
Goliath. Giant spikes of red flowers.....oz., $1.25	.30	.10
Machet. Large, sweet scented flowers.....oz., 75c.	.25	.10
New York Market. A specially selected strain.................................oz., $1.50	.40	.15
Sweet Scented. The popular garden sort..oz., 25c.		.10

MIMULUS

Showy, profuse flowering plants; fine for greenhouse or moist, shady situations.

	Large pkt.	Pkt.
***Tigrinus** (*Monkey Flower*). Fine mixed tigered and spotted varieties; 1 foot........................	$0.50	$0.10

MOONFLOWER. See Ipomoea

MORNING GLORY. See Convolvulus

Varieties marked * are especially suitable for rock gardens

(wn)

MICHELL'S GIANT NASTURTIUMS

Nasturtiums are among the best known and most popular of hardy annuals. Easily grown, and producing a great profusion of brightly colored flowers from within a few weeks after they are sown until they are killed by frost; they succeed best in rather light, well-drained soil

Nasturtium, Dwarf Double, Golden Globe

DWARF OR BEDDING

(Tom Thumb)

Of dwarf, compact growth; excellent for borders or for bedding, forming plants about 1 foot high by 1 foot across.

NEW DWARF DOUBLE

Golden Globe

1936 All American Winner

Identical in color with the popular Golden Gleam, but of dwarf compact growth; free flowering; very double and sweet scented. Pkt., 15c.; 30c. per large pkt.; oz., 75c.

	¼ lb.	Oz.	Pkt.
Queen of Tom Thumbs, Mixed. Silver variegated foliage; flowers in a great variety of colors	$0.75	$0.25	$0.10
Michell's Giant Flowering Mixed Dwarf. This is one of the finest mixtures, composed of the largest and best named varieties and cannot be surpassed for brilliancy of color. Per lb., $2.00	.60	.25	.10

MYOSOTIS (Forget-Me-Not)

Beautiful, half hardy perennials, succeeding best in moist shady situations. Sown in the Spring they will flower in the Fall; if wanted for early Spring flowering seed should be sown in frames in July or August.

	Large pkt.	Pkt.
Alpestris Victoria. Of bushy habit, bearing large bright blue flowers; very fine; 6 inches	$0.50	$0.10
Eliza Fanrobert. Of strong growth with clusters of large, bright blue flowers; 10 inches	.40	.10
Grandiflora Alba. Large white flowers; 8 inches	.30	.10
Grandiflora Rosea. Large pink flowers; 8 inches	.30	.10
Michell's Winter Flowering. The finest variety for forcing; long stems, deep blue flowers	.60	.15
Palustris Semperflorens. Dwarf; blooms the entire season; deep blue	.50	.10
Ruth Fischer (*Hybrida*). An extra fine upright growing, free blooming variety, with bright blue flowers; splendid for pots	.75	.25
Choice Mixed oz., 75c.	.25	.10

DOUBLE NASTURTIUM NOVELTIES

This type is of the semi-trailing habit and is a new development in Nasturtiums. The plant forms a vigorous bush which throws out short runners averaging 18 inches. The flowers are very large and double and exceedingly sweet scented. Another feature is that the blooms stand well above the foliage and are excellent for cutting; well adapted for pot culture.

Scarlet Gleam (*Bodger*). The flowers are fiery orange scarlet, 3 inches across and uniformly double, with lush green foliage. Pkt. 10c.; 25c. per large pkt.; oz. 75c.

Gleam Hybrids (*Bodger*). These Hybrids are a collection of gorgeously colored, large, well formed flowers of dazzling beauty; a very brilliant mixture. Pkt., 10c.; 25c. per large pkt., oz., 60c.

Golden Gleam (*Bodger*). Large golden yellow semi-double sweet scented flowers; excellent for cutting and growing in pots. Pkt. 10c.; 25c. per oz.; ¼ lb., 60c.

TALL OR CLIMBING NASTURTIUMS

For covering trellises, fences, arbors, piazzas, trailing from vases, over rockwork, etc., nothing can equal the gorgeous effect produced by their great quantities of bloom from early summer until frost; the seed pods can be gathered while green and tender for pickling. Height, 8 to 10 feet.

	¼ lb.	Oz.	Pkt.
Michell's Giant Flowering Mixed Tall. This mixture cannot be excelled for large size and beautiful colors of the flowers. Composed of the largest and finest varieties. Per lb., $2.00	$0.60	$0.25	$0.10

LOBB'S CLIMBING NASTURTIUMS

(Tropaeolum Lobbianum)

Excellent for window boxes, vases, hanging baskets and rockeries; 8 to 10 feet.

Choice Mixed. Lobb's varieties, all colors.

	¼ lb.	Oz.	Pkt.
Per lb., $2.00	$0.60	$0.25	$0.10

Myosotis—Alpestris Victoria

The Book of Annuals (Hottes), 182 pages. Price, $1.50

NEMESIA

	Large pkt.	Pkt.
Strumosa Suttoni. A splendid annual, with large flowers varying in color from creamy white to deep orange and carmine; fine for bedding; 18 inches	$0.60	$0.15
Blue Gem. Flowers bright blue; compact growth	.60	.15

NEPETA

	Large pkt.	Pkt.
***Mussini.** A favorite perennial rock plant with blue-gray foliage and pale mauve flowers; 9 inches	.60	.20

NICOTIANA (Flowering Tobacco)

Extremely showy annual plants, giving a continuous display of brilliant flowers; 2 to 3 feet.

	Large pkt.	Pkt.
Crimson Bedder (*New*). Rich deep crimson; dwarf	$0.60	$0.15
Affinis. Fragrant, tubular pure white flowers	.25	.10
Affinis Hybrida. Large, sweet-scented flowers in a variety of colors	.25	.10

NIGELLA (Love in a Mist)

	Large pkt.	Pkt.
Miss Jekyll. Lovely garden annuals, with finely cut green foliage, and curious looking seeds and seed pods; double flowers of a clear cornflower blue; excellent for cutting; 18 inches	$0.25	$0.10

OENOTHERA (Evening Primrose)

Beautiful hardy perennials of easy culture; the plants continue in bloom throughout the Summer.

	Large pkt.	Pkt.
***Missouriensis.** A prostrate growing variety, with large, bright yellow flowers	$0.75	$0.15
Youngi. A showy variety, with large yellow flowers; 3 feet	.75	.15

ORNAMENTAL GRASSES. See page 28

MICHELL'S GIANT PANSIES

Strictly considered this is a biennial, but the fact that it flowers the first season from seed recommends it for an annual. There are actually three seasons in which pansies can be planted. If started in the house from February until April pansies will begin to bloom from July on; sown outdoors in May beautiful flowers are produced in the Fall; sown in frames during July and August and transplanted later gives us the main crop of flowers the following Spring.

PANSIES IN MIXTURE

AMERICA

A very selected dwarf strain; free flowering, in a fine mixture of popular shades. American grown seed. Pkt., 50c.; $1.25 per large pkt.

MAPLE LEAF GIANTS

A new variety with giant flowers measuring 4 to 6 inches across; perfectly round and in a fine mixture of colors. Pkt., 25c.; 75c. per large pkt.

ENGLEMANN'S SPECIAL MIXTURE

A new variety and a truly Giant Pansy that is in a class by itself; flowers 3 to 4 inches across, on long heavy stems and produced well above the foliage. Contains a great variety of colors, both light and dark, with a good percentage of bronze and red shades. Pkt., 50c.; $1.00 per large pkt.

	Large pkt.	Pkt.
Michell's New Swiss Giants. A new strain with enormous flowers and containing many unusual colors, such as salmon, pink, red, blue, yellow, etc., all beautifully blotched	$1.25	$0.50
Alpenglow. Cardinal red shades with dark blotches	.75	.25
Lake of Thun (*Ullswater*). A distinct variety; color, marine blue with deep blue blotches	.75	.25
Rhinegold. Deep golden yellow with black blotches on the three lower petals	.75	.25
Roggli (*Improved Swiss Giants*). Flowers large and with overlapping petals; many brilliant colors and shades; excellent for greenhouse culture. ⅛ oz., $1.50	.75	.25
Michell's Giant Exhibition. Flowers of immense size, very heavy texture and of the most brilliant colors. Per oz., $10.00; $3.00 per ¼ oz.; per ⅛ oz., $1.75	.75	.25
Giant Trimardeau. Mixed colors....¼ oz., $1.00	.40	.10
Mad. Perret. Early flowering; fragrant; especially rich in red shades....¼ oz., $1.00	.50	.25
Masterpiece (*Frilled Pansy*). Beautiful rich colors; petals curled or waved	.75	.25
Triumph of the Giants Mixed. Immense flowers of great brilliancy and richness of colors. Per oz., $11.00; $3.25 per ¼ oz., per ⅛ oz., $2.00	.85	.50
Fine English Mixed....oz., $1.50	.40	.10

GIANT PRIZE OR BEDDING STRAIN

(Separate Colors)

A strain secured from the leading pansy specialists and not to be compared with the ordinary Giant Trimardeau, as the flowers are of much heavier texture.

	¼ oz.	Large pkt.	Pkt.
Giant Prize, Azure Blue. Light blue	$1.00	$0.50	$0.15
Giant Prize, Black Blue. Dark velvety	1.00	.50	.15
Giant Prize, Emperor William. Ultramarine blue	1.00	.50	.15
Giant Prize, Hortensia Red. Scarlet	1.00	.50	.15
Giant Prize, King of the Blacks	1.00	.50	.15
Giant Prize, Lord Beaconsfield. Violet	1.00	.50	.15
Giant Prize, Peacock. Upper petals blue, lower petals deep claret with white margin	1.00	.50	.15
Giant Prize, Snow Queen. Pure white	1.00	.50	.15
Giant Prize, White, with dark eye	1.00	.50	.15
Giant Prize, Pure Yellow	1.00	.50	.15
Giant Prize, Yellow, with dark eye	1.00	.50	.15
Giant Prize, Mrs. P. S. DuPont. Golden apricot with creamy tint, flushed salmon; desirable for the rock garden		.75	.25

SPECIAL OFFER.—We will send 6 packets of any of the above varieties of Giant Pansies (not including Mrs. P. S. DuPont) for 75c.; or the whole 12 pkts. for $1.40.

Ask for Cultural Leaflet No. 209 on the Growing of Pansies.

PENTSTEMON (Beard Tongue)

Beautiful perennial plants for the hardy border.

	Large pkt.	Pkt.
Sensation. Large spikes of gloxinia-like flowers of the most varied colors; 2 feet; requires protection	$0.75	$0.15
New Hybrids, Mixed. Produces large spikes; 3 feet	.50	.10

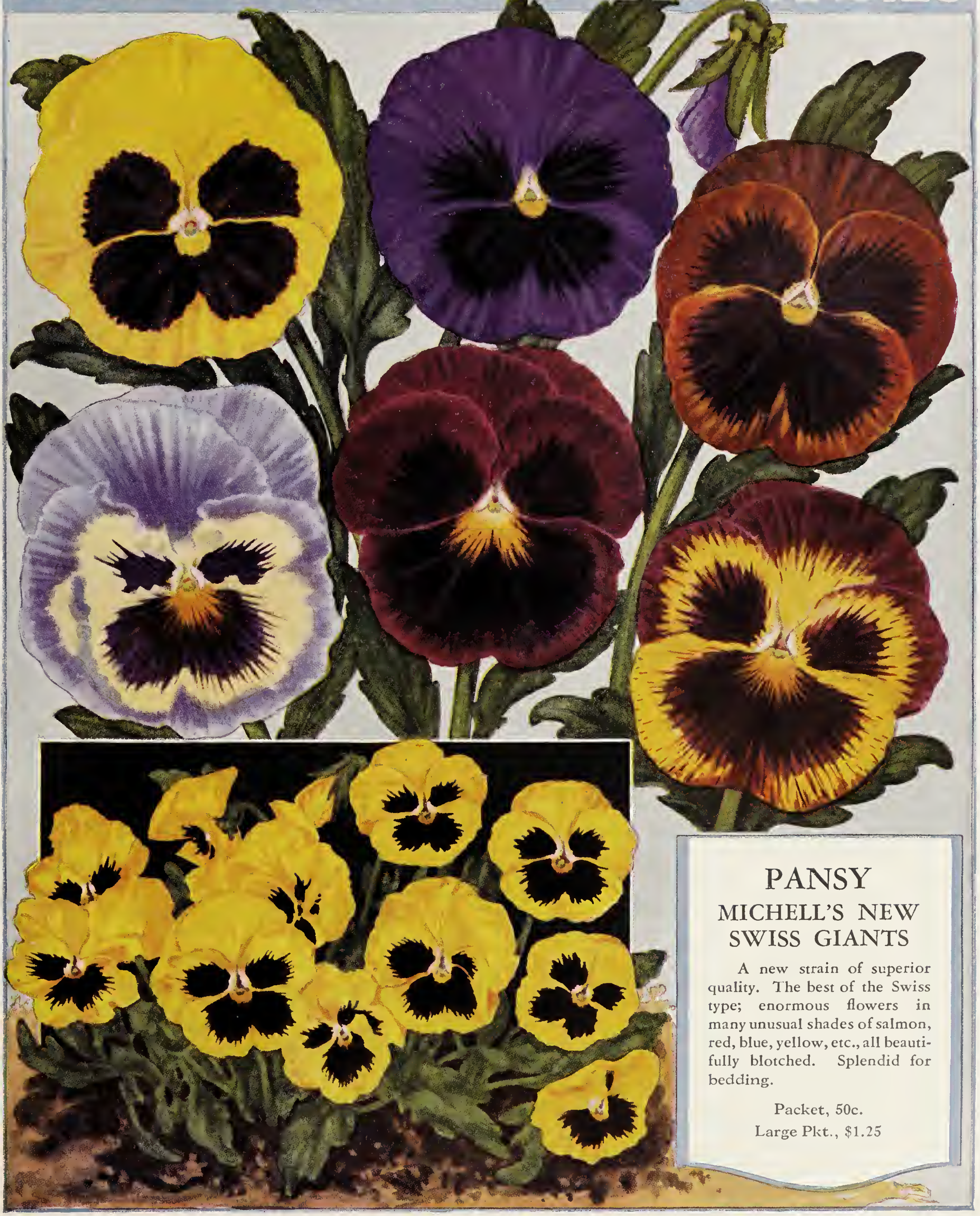
Testimonial

New Orleans, La.

Received your new catalogue, for which I thank you. Planted various seeds received from you recently and all are coming up fine. The Giant Swiss Pansies are beginning to bloom and are really beautiful.

A. J. Nicard.

MICHELL'S NEW SWISS GIANT PANSIES



PANSY
MICHELL'S NEW SWISS GIANTS

A new strain of superior quality. The best of the Swiss type; enormous flowers in many unusual shades of salmon, red, blue, yellow, etc., all beautifully blotched. Splendid for bedding.

Packet, 50c.
Large Pkt., $1.25

MICHELL'S PETUNIAS

For freedom of bloom, variety of color and effectiveness the Petunia has few equals, either for the flower garden, porches or window boxes; they commence blooming early and continue until killed by frost. We call special attention to our Large Flowering strains, which for size and brilliancy of coloring cannot be surpassed.

Petunia, Martha Washington

GIANT FLOWERING SINGLE

MARTHA WASHINGTON (*Waller-Franklin*) (*Novelty*). A new break in Petunias. Martha Washington is a ruffled or frilled, dwarf compact type; grows about 9 inches high; plants are literally smothered with blooms, 3 inches in diameter; color, blush pink, with center veined a wine red, deepening at the base of the throat; the veining is so unique that the blooms resemble a Pelargonium, hence the name. Pkt., 25c.; 75c. per large pkt.

	Large pkt.	Pkt.
Giant Fringed Choice Mixed. Flowers large, beautifully fringed and ruffled and in a fine range of colors	$0.85	$0.25
New Dwarf California Giants (*Ramona Strain*). A splendid new dwarf strain of the well known California Giants; very compact; excellent for pots.	.85	.25
California Giants. One of the largest varieties; bright and desirable colors; strong robust plants	.50	.25
Diener's Ruffled Monsters. Extra large flowers in a wide range of colors; dwarf habit	.75	.25
Diener's Pink Glory. Same type as above; flowers a beautiful shade of rose pink	.75	.25
Floretta. Large flowered single fringed; color, beautiful steel blue, veined black	.85	.25
Purple Prince. A splendid velvety purple, large flowering variety	.75	.25
Setting Sun (*Novelty*). An especially fine dwarf, brilliant rose-pink; compact habit; 12 inches high; flowers beautifully fringed and measure 3 inches across; comes true from seed	1.25	.25
Theodosia. A large flowered fringed variety; rosy pink with a clear golden center	.85	.25
Violet King. Beautiful velvety violet blue; immense fringed flowers	.85	.25
Yellow Throated Mixture. A re-selected mixture of giant fringed Petunia; pleasing light shades, all having yellow throats	1.00	.25
Large Flowering Hybrids. An excellent mixture of large flowering sorts	.60	.20

MINIATURE PETUNIA, ROSE GEM

1936 Novelty

Rose Gem is a charming addition to the new miniature group of Petunias which was started with Pink Gem. Rose Gem is the color which the public has been asking for in this miniature form. It is the rich deep rose that has made Rose of Heaven so popular. The plant is neat and compact, 5 to 6 inches high and smothered with rich rose colored blooms about 2 inches in diameter. Originator's description. Pkt., 25c.; 85c. per large pkt.

SINGLE SMALL FLOWERING

	Large pkt.	Pkt.
Dwarf Erect Periwinkle Blue (*Novelty*). A welcome addition to the dwarf free flowering single type; color, a delightful shade of pastel blue; resembles very much the perennial Vinca	$0.50	$0.15
Bluebird. An excellent bedding variety; medium sized flowers of a deep blue color	.50	.15
Celestial Rose. Compact, deep rose; excellent for bedding	.50	.15
Cockatoo. Violet with white spots	.50	.15
Dwarf Inimitable. Dwarf, compact habit; profuse bloomer; flowers striped and blotched	.50	.10
General Dodds. A splendid bedding variety; color, a rich velvety blood-red	.50	.10
Rosy Morn. Dwarf, bushy plants, bearing in great profusion brilliant rose-colored flowers with a white throat; excellent for pot culture	.50	.10
Rose of Heaven. Rich, brilliant rose color; a very effective variety	.60	.10
Silver Blue (*Heavenly Blue*). Makes a splendid bedding variety when combined with Rosy Morn	.50	.15
Snowball. A fine, compact sort, producing a profusion of satiny white flowers	.50	.10
Star (*Howard's*) (*Improved*). Produces a profusion of crimson-maroon flowers, with a distinct five-pointed white star	.60	.15
Violet Gem. Plants of erect, dwarf type; beautiful deep violet flowers	.60	.15
Choice Mixed oz., $1.50	.40	.10

PORTLAND PETUNIAS

For planting of veranda boxes and for choice potted plants, or for bedding out, these Petunias in select colors never fail to please

	Large pkt.	Pkt.
Elk's Pride. Large size; deep royal purple	$0.75	$0.25
Pink Triumph. Clear, bright pink, delicately fringed	.75	.25
Pride of Portland. Large, deep rose pink, fringed flowers	.75	.25
Scarlet Beauty. Flowers fringed; color, shading from cherry red to deep maroon	.75	.25
White Beauty. Pure white flowers with finely fringed edges	.75	.25
Mixed Colors	.75	.25

BALCONY PETUNIAS

A splendid large flowering, free blooming type, suitable for vases, window or porch boxes; also valuable for bedding.

Netted Blue Gem. A new color in the balcony type; color steel blue, beautifully netted or veined; flowers large and cluster well together on the extra long branches, which makes it of special value for window boxes or baskets. Comes practically 100 per cent true from seed. Pkt., 25c.; 75c. per large pkt.

	Large pkt.	Pkt.
Blue. Rich indigo blue	$0.60	$0.15
Crimson. Rich velvety crimson	.60	.15
Rose. Brilliant rose pink	.60	.15
White. Pure white	.60	.15
Mixed Colors	.60	.15

Petunias continued on next page

Ask for Cultural Leaflet No. 205 on the growing of Petunias

MICHELL'S PETUNIAS (Continued)

LARGE DOUBLE FLOWERING PETUNIA

The latest development in Double Petunias is the new All Double strain which produces 100% of Double Flowers. We offer the following three selected varieties in this strain and feel quite certain that they will prove a sensation.

All Double Victorious Mixed. An extra dwarf giant mixed Petunia which produces 100% double flowered plants. The habit of growth is very dwarf and compact, the flowers large and fully double in many brilliant and fancy colorings. Very free flowering; an exceptionally fine type for pot culture as the plants seldom grow more than 10 inches in height. Pkt., 50c.; $1.25 per large pkt.

Carmine Queen (*World Beauty*) (*All Double*). An exceptionally fine dwarf type; color, a beautiful rosy carmine; flowers very double; other characteristics same as above variety. Pkt., 50c.; $1.25 per large pkt.

White Queen (*All Double*). Pure white flowers, very double and beautifully fringed; extra dwarf and free flowering. Pkt., 50c.; $1.25 per large pkt.

The above varieties are originations of Mr. T. Sakata.

The following double varieties are a splendid strain producing on an average of 60-70% doubles.

(**Note:**—It is important not to discard the small seedlings as these usually produce the best Double flowers.)

	Pkt.
Double Fringed White. Extra large, pure white fringed flowers. Per 500 seeds, $2.00	$0.50
Double Fringed Mixed. Flowers of large size, beautifully fringed and embracing a splendid variety of colors. Per 500 seeds, $1.50	.50
Choice Double Mixed. A good mixture	.25

PHACELIA (California Blue Bell)

	Large pkt.	Pkt.
Campanularia. A splendid annual, one of the earliest to bloom; color gentian blue; excellent for borders; 9 inches. oz., 75c.	$0.25	$0.10

PHYSALIS (Chinese Lantern Plant)

Francheti. Dense bushes about 2 feet high, producing freely, bright orange-scarlet, lantern-like fruits; perennial	.30	.10

PHYSOSTEGIA (False Dragon Head)

A very pretty perennial; dense bushes, bearing freely, delicate tubular flowers; 3 to 4 feet; July-August.

	Large pkt.	Pkt.
Virginica. Pink	$0.40	$0.10

PLATYCODON (Japanese Balloon Flower)

One of the best hardy perennials, bearing a profusion of large, bell-shaped flowers the whole season. Excellent for planting in borders or among shrubbery; 2 to 3 feet.

	Large pkt.	Pkt.
Grandiflorum. Blue	$0.40	$0.10
Grandiflorum Album. Pure white	.40	.10
Mariesi. Dwarf, dark blue; 16 inches	.60	.15
Mariesi Alba. White and faint blue; 16 inches	.60	.15

POLEMONIUM (Jacob's Ladder)

A good hardy perennial, with bell-shaped flowers; 2½ feet.

	Large pkt.	Pkt.
Coeruleum Blue oz., 75c.	$0.25	$0.10
Coeruleum Album. White oz., 75c.	.25	.10

Phlox Drummondii, Grandiflora

PHLOX DRUMMONDII

One of our finest hardy annuals and should occupy a prominent place in every garden; it is easy to grow and unequalled for its profusion of bloom, which will continue until frost; for bedding or massing nothing can surpass them.

GIGANTEA, ART SHADES

1936 Novelty

A new strain with flowers 1¼ to 1½ inches in diameter; in addition to its enormous flowers (which in itself would be enough to justify it as a novelty) it has a most wonderful range of color in soft art shades. The colors range as follows: salmon with white eye, deep salmon with cream eye, apple blossom, soft rose with white eye, light blue with white eye, pale violet with white eye, light mauve with cream eye, rose with white eye and many other pleasing art shades. Plants grow about 9 inches high. Choice mixture only. Pkt., 25c.; 75c. per large pkt.

GRANDIFLORA VARIETIES

An improved strain with large heads of bloom, as well as large individual flowers; 12 to 15 inches.

	Large pkt.	Pkt.
Alba. Pure white	$0.40	$0.10
Chamois Rose. Shell pink	.40	.10
Coccinea. Brilliant scarlet	.40	.10
Lilac	.40	.10
Pink	.40	.10
Yellow	.40	.10
Choice Mixed. All colors. oz., $1.25	.30	.10
Collection, one packet each above 6 colors		.50
Cuspidata (*Star of Quedlinburg*). Extra fine, star-flowered mixture. oz., $1.50	.40	.10

DWARF OR COMPACT VARIETIES

The plants grow very symmetrical, in neat little bushes, 6 to 8 inches high and are covered with flowers during the whole Summer and Fall. Excellent for bedding or edging.

	Large pkt.	Pkt.
Cecily, Mixed. Large flowering; compact	$0.60	$0.10
Fireball. Brilliant scarlet	.60	.10
Pink	.60	.10
Snowball. Pure white	.60	.10
Choice Mixed ¼ oz., 75c	.50	.10

PHLOX (Hardy)

Decussata, Mixed. Tall growing, perfectly hardy plants, with immense trusses of large flowers in all bright colors. ¼ oz., 75c.	.60	.10

For Hardy Phlox Plants, see plant section of this catalog

MICHELL'S POPPIES

One of our favorite and most popular flowers, producing during the blooming period, a profusion of brilliant colors and shades. Seeds should be sown as early in the Spring as possible, where they are to remain, as they do not stand transplanting. Sow very thinly and barely cover the seed, press down firmly and they will come up in a few days. Several sowings of the annual varieties may be made at intervals to have a succession of bloom.

SINGLE ANNUAL POPPIES

	Oz.	Large pkt.	Pkt.
King Edward. A large flowering variety, growing about 2½ feet high; deep scarlet, shaded crimson, with dark blotch at base	$0.40	$0.25	$0.10
Michell's Shirley. An improved strain of this lovely race of poppies varying in color from pure white and delicate pink to rosy carmine and deep crimson, in mixture	.40	.25	.10
Shirley, Wild Rose Pink. Beautiful rich pink, that comes almost true from seed	.75	.25	.10
Oriental Scarlet. This is an exact duplicate of the popular perennial type, but is an annual and flowers profusely the first season from seed	.75	.25	.10

FLANDERS POPPY

	Oz.	Large pkt.	Pkt.
This is the well known poppy of Flanders field so often mentioned in songs and stories of the Great War. Medium size bright scarlet flowers. Very showy when planted in masses	.40	.25	.10

AMERICAN LEGION POPPY

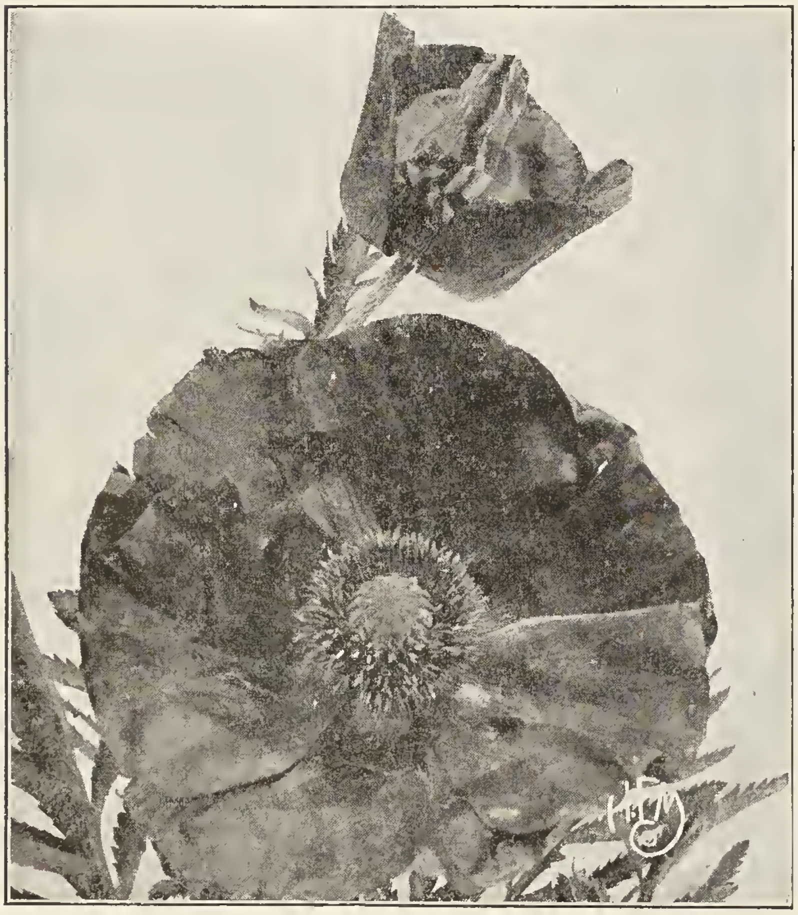
	Oz.	Large pkt.	Pkt.
This new single poppy of the Shirley type is a dazzling orange-scarlet of immense size, borne on long, stout stems	.60	.25	.10

DOUBLE ANNUAL POPPIES

	Oz.	Large pkt.	Pkt.
Double Shirley, Cavalcade (*New*). Double Shirley Begonia flowered, rich brilliant orange scarlet; a most attractive variety		$0.40	$0.15
Carnation Flowered. Flowers of large globular form with fringed petals; mixed colors; 2 feet	$0.25		.10
Peony Flowered Mixed. Large double flowers resembling a Peony	.25		.10
Improved Shirley, May Queen. A reselected strain; large double flowers; mixed colors	.75	.25	.10

Collection, one packet each, 6 annual varieties, single and double, 50c.

Single Shirley Poppies



Oriental Poppy

ICELAND POPPIES (Papaver Nudicaule)

While these are hardy perennials, they flower the first year from Spring sown seed. They are of graceful habit, with fern-like foliage; the satin-like flowers are borne in endless profusion and are excellent for cutting; 1 foot.

	Large pkt.	Pkt.
***Alpinum Mixed.** Dwarf Alpine variety; splendid for the rockery; 8 inches	$0.75	$0.25
El Monte. This variety is a California introduction; very large flowers and comes true from seed; strong wiry stems for cutting; tangerine orange	.60	.25
Coonara Pink Shades. A fine strain in beautiful pink art shades; long stems and large flowers, no washy shades; a splendid novelty	.60	.25
Orange Scarlet	.40	.10
White	.40	.10
Yellow	.40	.10
Single Mixed. Colors range from white and yellow to deep orange scarlet ¼ oz., 60c.	.30	.10
Sunbeam. Splendid new shades in mixture	.40	.15

ORIENTAL POPPIES

These are always popular in any perennial bed. The seeds should be sown in early Spring in the open ground.

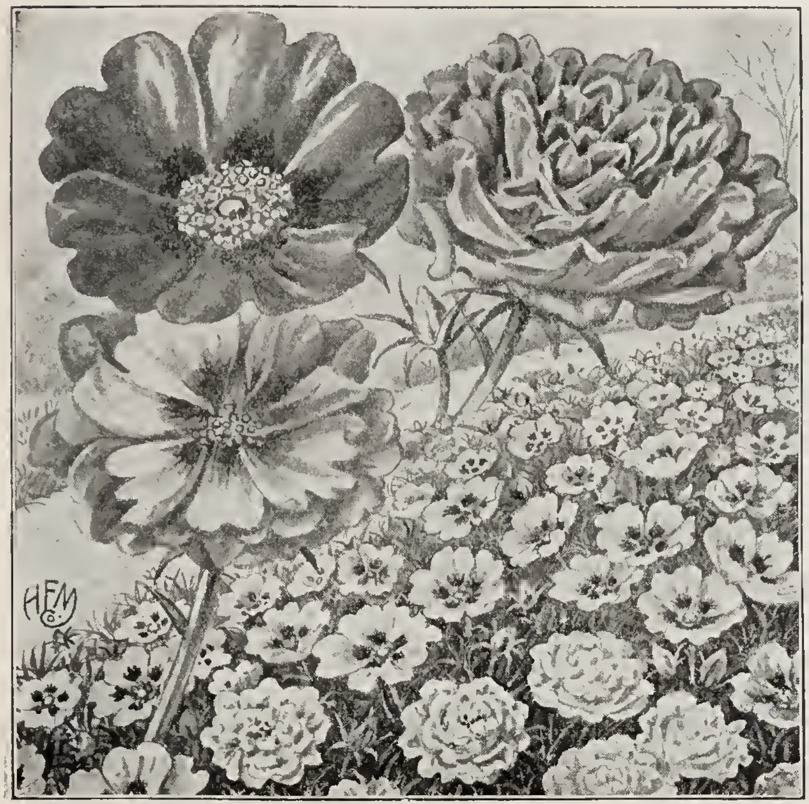
	Large pkt.	Pkt.
Orientale. Extra large flowers; deep scarlet; ¼ oz., 60c.	$0.40	$0.10
Orientale, Mrs. Perry. Rich salmon pink	.75	.10
Orientale Hybrids. Flowers of large size; mixed colors ¼ oz., 60c.	.40	.10

POLYANTHUS (Primula Elatior)

Beautiful spring-flowering hardy perennials either for pot culture or for the garden; succeeds best in partial shade; 9 inches.

	Large pkt.	Pkt.
Gold Laced. Flowers of brilliant colors with distinct yellow edge	$0.75	$0.15
English Mixed. All colors	.75	.10

Varieties marked * are especially suitable for rock gardens



Portulaca, Single and Double

PORTULACA (Sun Plant)

Brilliant hardy annual, of easy culture; excellent for massing in beds, edging or rock work, thriving best in a light sandy soil and a sunny situation; flowers of the brightest colors.

DOUBLE FLOWERING

A select strain that will produce from 60% to 80% double flowers.

	Large pkt.	Pkt.
Pink	$0.50	$0.10
Salmon	.50	.10
Scarlet	.50	.10
White	.50	.10
Yellow	.50	.10
Mixed	.40	.10

SINGLE FLOWERING

	Large pkt.	Pkt.
Choice Mixed ... oz., 75c.	.25	.10

PRIMULA

FRINGED CHINESE PRIMROSE

These are among our finest Winter and Spring blooming pot plants for decoration in the home or conservatory. Our seed has been grown for us by Primula Specialists and cannot be excelled for size and brilliancy of colors.

	Large pkt.	Pkt.
Michell's Prize Mixture. This mixture contains only the finest sorts selected from the best strains	$0.85	$0.25

PRIMULA OBCONICA

A beautiful and continuous blooming variety with handsome spikes of flowers; elegant plants for greenhouse or light window of dwelling house.

	Large pkt.	Pkt.
Fasbender. A new strain of the Gigantea type; giant deep crimson flowers	$1.25	$0.50
Mueller and Mohnstein. Shades of crimson and rose	1.25	.50
Gigantea MONSTER. An extra large flowering strain of this popular Primula; mixed colors	1.25	.40
Grandiflora Hybrida. Mixed	.75	.20

Ask for our Cultural Leaflet No. 206 on the growing of Primulas.

PRIMULA MALACOIDES

Dawkin's Carmine Pink (*Novelty*). The color of this new variety is a rich glowing carmine pink, quite distinct from any shade hitherto produced in Primula Malacoides; flowers large, on wiry stems of upright and graceful habit. The constitution of the plant is very strong; without doubt the best of all existing varieties. Pkt., 25c.; 75c. per large pkt.

	Large pkt.	Pkt.
Lilac (*Improved Baby Primrose*). Tall, graceful spikes of delicate lilac flowers	$0.75	$0.20
Courtland Seedling. Brilliant, clear lilac pink; vigorous grower	.75	.25
Princess Patricia. Beautiful lavender pink, flowers finely laced	.75	.25
Pink Beauty. Deep rosy pink; large	.75	.25

PRIMULA KEWENSIS

(Verbena Scented Yellow Primrose)

Very attractive yellow flowers on long stems; very fragrant. Pkt., 25c.; 75c. per large pkt.

HARDY PRIMROSES

The following varieties of Hardy Primulas are very popular; however, it is to be noted that the germination of the seed is very slow.

	Large pkt.	Pkt.
***Veris** (*English Cowslip*). Fragrant flowers of various colors, mixed; 6 inches	$0.60	$0.10
***Veris, Giant Munstead Strain.** Flowers large, beautiful shades, including yellow and white; 12 inches	.75	.25
***Vulgaris** (*English Primrose*). Canary yellow; very fragrant	.75	.10

See pages 10 to 13 for Novelties and Specialties in Flower Seeds

Primula Obconica, Fasbender

Varieties marked * are especially suitable for the rock garden

PUERARIA THUNBERGIANA

(Japanese Kudzu Vine)

	Large pkt.	Pkt.
One of the fastest growing hardy climbing plants; grows 8 to 10 feet the first year from seed; its foliage is large and covers well; rosy purple pea-shaped blossoms toward the end of August	$0.25	$0.10

PYRETHRUM

FOLIAGE VARIETY FOR BEDDING

Used for edging of ornamental beds; leaves finely cut.

	Large pkt.	Pkt.
Aureum *(Golden Feather)*. Bright golden yellow foliage; 1 foot . . . oz., 60c.	$0.25	$0.10

PERENNIAL VARIETIES

Undoubtedly one of the best hardy perennials, both for garden work and cut flower purposes; a row of twenty-five plants will prove very useful; absolutely hardy and of very easy culture; 30 inches.

	Large pkt.	Pkt.
Atrosanguineum. Dark red shades	$0.75	$0.25
Roseum. Flowers bright rose color; July; 2 feet	.60	.10
Uliginosum *(Giant White Daisy)*. Large, single white flowers; September; 3 to 4 feet	.60	.10
Hybridum Single Mixed. Large flowers ranging in color from light pink to deep red, with bright yellow centers; July; 2 feet	.50	.10
Hybridum Double Mixed	.75	.25

RANUNCULUS

Asiaticus Superbus. A perennial plant, suitable for beds and borders, or for pots; fine for cutting; mixed colors; 1 foot	.25	.10

RESEDA. (See Mignonette)

RHODANTHE (Everlasting Flower). See page 27

Salpiglossis

Pyrethrum Hybridum, Double

RICINUS (Castor Oil Bean)

Large, rapid growing ornamental foliage plants; produces a fine effect in center of beds or singly on lawns.

	Oz.	Pkt.
Red Spire. A very effective variety, with bronzy green foliage and rosy crimson seed spikes; 6 feet	$0.25	$0.10
Cambodgensis. Leaves dark bronzy-maroon; 5 feet	.25	.10
Gibsoni. Deep red foliage; 5 feet	.25	.10
Sanguineus. Blood-red stalks and red fruit; 8 feet	.25	.10
Zanzibariensis. Enormous leaves, varying in color from light green to purplish red; 12 feet	.25	.10
Mixed. All sorts	.20	.10

RUDBECKIA (Coneflower)

Kelvedon Star. A really good annual and a perfect, long stemmed flower for cutting; very floriferous and of sturdy habit of growth; colors vary, but all have brown central discs, surrounded by a mahogany zone on petals of deep orange; 3 feet. Pkt., 25c.; 60c. per large pkt.

	Large pkt.	Pkt.
My Joy. A new annual variety; bright orange yellow with small cone center and not over 5 inches in diameter; free flowering; splendid for cutting	$0.60	$0.15
Newmani. Large yellow flowers with black center; perennial; very showy; 3 feet	.40	.10
Purpurea *(Giant Purple Coneflower)*. Hardy perennial; reddish purple flowers with dark brown disc; 4 feet	.40	.10

SALPIGLOSSIS (Painted Tongue)

Easy growing annual plants which have become great favorites, not only because of its easy culture, but mainly for its beautifully tinted and veined flowers; blooms from early Summer until late Fall; 18 inches.

	Large pkt.	Pkt.
Crimson and Gold	$0.40	$0.10
Primrose	.40	.10
Purple and Gold	.40	.10
Rose and Gold	.40	.10
Scarlet and Gold	.40	.10
White and Gold	.40	.10
Emperor Mixed. A type having only one main stem, and bearing on its summit a large number of beautiful flowers, each one richly veined with gold	.30	.10
Collection. One packet each above, 6 colors		.50

See page 14 for seeds of rock garden plants

Salvia, America

SALVIA (Scarlet Sage)

The Salvia is among our most popular and useful bedding plants. There is nothing more effective in the midsummer or Fall than these bright scarlet flowers. Seeds should be started either in the house or in hotbeds from February till April. Seed may also be sown in the open ground in May.

	Large pkt.	Pkt.
Dwarf Fire King (*Michell's Novelty*). A new extra early variety, flowering about four weeks earlier than other existing types; plants are of very compact habit, exceedingly dwarf and completely covered with medium sized, brilliant scarlet flowers	$0.75	$0.25
America or Globe of Fire. Of dwarf, bushy, compact growth and very uniform in height and shape, spikes of brilliant scarlet flowers ...... ¼ oz., $1.50	.75	.25
Bonfire (*Clara Bedman*). Compact bushy plants, 2 feet high, producing innumerable erect spikes of the most brilliant scarlet flowers ..... ¼ oz., $1.00	.60	.10
Splendens. Tall growing plants with bright scarlet flowers; height, 3 feet ..... ¼ oz., 75c.	.50	.10
Zurich. One of the earliest flowering of all salvias; of dwarf, bushy growth with an abundance of bright scarlet flowers; 18 inches ...... ¼ oz., $1.00	.60	.15
Patens. Bright blue flowers of large size; 2 feet	.75	.15

SALVIA, PERENNIAL VARIETIES

Blue Bedder (*Novelty*). A new variety of Farinacea; very compact form, of a deep blue shade and flowering very profusely from seed the first year	.75	.25
Azurea Grandiflora. Produces spikes of sky blue flowers during August and September; 3 to 4 feet	.60	.15
Farinacea. A perennial variety, but best treated as an annual; color, light blue; 2 feet	.50	.10

SANVITALIA (Creeping Zinnia)

	Large pkt.	Pkt.
Procumbens Fl. Pl. Double bright yellow flowers	$0.50	$0.10

SCABIOSA (Mourning Bride)

GRANDIFLORA VARIETIES (Annual)

Magnificent annuals of easy cultivation, blooming freely through the Summer and Autumn; very effective for beds or borders; invaluable for cutting; 2 feet.

	Large pkt.	Pkt.
Blue Cockade (*New*). Deep azure blue; flowers large	$0.50	$0.15
Giant Flowering Hybrids. Giant blooms in an unusual number of rare colors	.40	.10
Azure Fairy. Clear lavender blue	.25	.10
Cherry Red	.25	.10
Flesh Pink. Delicate shade	.25	.10
Giant Loveliness. Flowers range through various tones of delicate salmon rose, a new color in the annual Scabiosa; excellent for cutting; very fragrant	.40	.15
King of the Blacks. Deep purple	.25	.10
Peach Blossom. Peach blossom pink	.25	.10
Rose. Soft rose color	.25	.10
White (*Shasta*)	.25	.10
Finest Mixed ..... oz., 60c.	.25	.10
Tom Thumb. Dwarf, 6 to 8 inches high; choice mixed	.25	.10
Collection. One packet each 6 colors (not including Blue Cockade or Giant Loveliness)		.50

HARDY PERENNIAL VARIETIES

Handsome perennial border plants flowering the entire season.

The seed of perennial Scabiosa is of slow germination; we would suggest sowing in peat moss and sand, making sure to keep moist and shaded.

	Large pkt.	Pkt.
Caucasica, Giant Hybrids (*Isaac House Strain*). A splendid improvement in the Caucasica type, flowers larger and with longer stems; colors range from light lavender to dark blue; excellent for cutting	$0.75	$0.25
Columbaria Anthemifolia. A low growing variety, with flowers measuring 2 to 2½ inches across; color a delightful shade of pink; splendid for cutting	.60	.25
Caucasica. Soft blue; 3 feet	.60	.10
Caucasica Alba. Pure white	.60	.10
Japonica. Flowers beautiful clear blue	.25	.10

Scabiosa Grandiflora, Peach Blossom

Ask for Cultural Leaflet No. 210 on the growing of Salvia

SAPONARIA (Bouncing Bet)

	Large pkt.	Pkt.
***Ocymoides.** Splendid hardy perennial rock plant; bright rose colored flowers; 9 inches	$0.25	$0.10
Vaccaria Rosea. A profuse blooming annual with beautiful pink, feathery flowers; 2 feet ..oz., 30c.		.10

SAXIFRAGA

***Decipiens Hybrids, Mixed.** A charming little perennial plant; excellent for the rockery	1.00	.25
Megasea Species. Large leathery leaves; short stemmed racemes of flowers; 1 foot	1.00	.25

SCHIZANTHUS (Butterfly Flower)

One of our finest hardy annuals; of easy culture in any good garden soil; showy flowers of various colors, closely resembling some species of Orchids; also useful as pot plants for late Winter and Spring blooming; for this purpose sow in Autumn.

	Large pkt.	Pkt.
Garraway's Hybrids. Flowers large, with markings on a white, buff, rose, blue or purple ground	$0.60	$0.25
Hybridus Grandiflorus. Compact, pyramidal plants, with large flowers of many shades; 12 inches.	.30	.10
Wisetonensis. Largely used as a pot plant for the house or conservatory; flowers range from white with yellow center to pink with brown center; 1½ feet	.40	.10

SEDUM (Stonecrop)

***Acre.** The well known yellow variety; very useful in the rock garden; perennial	1.00	.25

SENSITIVE PLANT (Mimosa)

Pudica. Curious and interesting annual plants with pinkish white flowers; the leaves close or droop when touched or shaken; 18 inches	.25	.10

SHAMROCK

Dainty little house plants, easily grown from seed.

True Irish. Small leaved variety	.25	.10

SHASTA DAISY

Alaska. Pure white, extra large flowers; excellent for cutting; perennial; 2 feet	.40	.10
New Giant Double White. Perennial, a splendid new double variety, fine for cutting; flowers are about 5 inches in diameter, on long stiff stems and have the appearance of a giant Aster; will flower from seed in 5 months	.75	.25

SILENE (Catchfly)

Attractive and profuse blooming perennial plants.

Orientalis. Dark rose; 30 inches	.25	.10
***Schafta.** Rose; 8 inches	.40	.10

SMILAX

A greenhouse climber; foliage light green and very graceful; seed should be soaked 24 hours in warm water before sowing; 10 feet ..oz., 75c.	.25	.10

SNAPDRAGON. See Antirrhinum

SOLANUM

Christmas Pepper. An improved variety, producing quantities of miniature peppers, ranging in color from purple to brilliant red	.40	.10
Cleveland Cherry. Ornamental pot plants for Winter decoration; of dwarf, branching habit; produces a great profusion of scarlet berries; 1 foot	.30	.10

STACHYS

Lanata. A perennial plant, with bright silvery leaves and clusters of purple flowers; 24 inches	.25	.10

STATICE (Sea Lavender)

Splendid plants, either for the border or rockery, producing all Summer, panicles of small flowers, which can be dried and used for Winter bouquets; 2 feet.

ANNUAL VARIETIES

	Large pkt.	Pkt.
Kampf's Tall Improved. Deepest blue; early flowering	$0.25	$0.10
Sinuata Blue	.25	.10
" **Lavender**	.25	.10
" **Rosea Superba**	.25	.10
" **White**	.25	.10
" **Yellow** *(Bonduelli)*	.25	.10
" **Mixed.** All colors	.25	.10
Suworowi *(Russian or Rat Tail Statice)*. Flowers bright rose color	.30	.10

PERENNIAL VARIETIES

Dumosa *(Novelty)*. A new variety, growing 2½ feet high and producing dense clusters of very pretty silvery gray flowers	.60	.25
Caspia. The most beautiful of all perennial Sea Lavenders; very vigorous habit, with 3 foot stems, carrying innumerable lilac flowers; wonderful subjects for effective table decoration	.75	.25
Incana Hybrida. Dwarf	.25	.10
Latifolia. Perennial; large deep-blue flowers	.40	.10

STEVIA

Serrata. Free blooming plants for Summer or Winter, bearing a profusion of fragrant white flowers; excellent for cutting; 2 feet	.50	.10

Shasta Daisy, Alaska

Varieties marked * are especially suitable for rock gardens

Early Giant Imperial Stock

Michell's "Distinctive" Stocks

The stock is one of the most popular and highly prized of our cultivated flowers; charming colors, delightful fragrance and of free blooming character. The seeds we offer are hand-saved from pot-grown specimens and will produce a large percentage of double flowers. The Early Giant Imperial and Early Flowering Nice stocks must be started early indoors if wanted for outdoor blooming.

GIANT COLUMN NON-BRANCHING
DOUBLE EXCELSIOR

This new type of stocks produces one enormous spike 2 to 3 feet in height and is especially adapted for greenhouse culture, as the plants can be grown close together; blooms about ten days earlier than Bismarck and produces a high percentage of doubles. We offer a select list of the most popular colors.

	Large pkt.	Pkt.
Ball's Dwarf White	$0.85	$0.25
Ball's White	.85	.25
Chamois Rose	.85	.25
Light Blue	.85	.25
Purple	.85	.25
Rose	.85	.25
Ruby. Rich dark ruby red	.85	.25
Silvery Lilac	.85	.25
Mixed Colors	.85	.25

NEW STOCK
GIANTS OF CALIFORNIA
Santa Maria

A new giant double pure white variety, of exceptional merit; giant flowers on a long flowering truss; of splendid branching habit; the long stems of Santa Maria make it a very desirable cut flower. This stock will produce a very high percentage of doubles. Pkt., 25c.; 50c. per large pkt.

EARLY GIANT IMPERIAL STOCK
(Improved Bismarck)

A splendid addition to the early forcing class; of tall, branching habit, 24 to 30 inches high and produce a very high percentage of double flowers.

	Large pkt.	Pkt.
Antique Copper (*New*). Rich hellebore red, a new and attractive shade	$0.50	$0.25
Apple Blossom. Blush pink	.50	.25
Buttercup. A deeper shade than Canary Yellow	.50	.25
Canary Yellow (*Golden Ball*)	.50	.25
Chamois. Ivory tinted old rose	.50	.25
Elks Pride. A new shade in this early group, an intense royal purple	.50	.25
Fiery Blood Red. Extra fine	.50	.25
Golden Rose	.50	.25
Lavender	.50	.25
Lilac	.50	.25
Rose. Deep rose pink	.50	.25
White	.50	.25
Mixed Colors	.50	.25

MICHELL'S EARLY FLOWERING "NICE" STOCK

An early flowering strain of branching habit; remarkably free bloomer; large, double fragrant flowers; fine for garden bedding or cutting. For Winter blooming, sow from July to September.

	Large pkt.	Pkt.
Beauty of Nice. Charming delicate pink	$0.50	$0.15
Crimson King. Deep red	.50	.15
Midsummer Night. Deep, dark violet	.50	.15
Monte Carlo. Canary yellow	.50	.15
Mont Blanc. Pure white	.50	.15
Old Rose. An extra fine variety	.50	.15
Queen Alexandra. Delicate lavender	.50	.15
Choice Mixed. All colors	.50	.15

LARGE FLOWERED DWARF TEN-WEEK STOCK

This is the leading variety for bedding out, for Summer blooming; also fine for pots.

	Large pkt.	Pkt.		Large pkt.	Pkt.
Blood Red	$0.40	$0.10	**Pink**	$0.40	$0.10
Crimson	.40	.10	**White**	.40	.10
Dark Blue	.40	.10	**Yellow**	.40	.10
Light Blue	.40	.10	**Mixed**	.40	.10

STOKESIA (Cornflower or Stokes' Aster)

	Large pkt.	Pkt.
Cyanea. Plants grow about 18 to 24 inches high, bearing freely from July to October handsome, lavender blue, Centaurea-like blossoms, each measuring from 4 to 5 inches across; of easy culture, and one of the most desirable plants for the hardy border; excellent for cutting	$0.50	$0.10

STRAWFLOWER (Helichrysum)

See Everlastings, page 27

STREPTOCARPUS

Hybrids (*Gold Medal Strain*). Fine greenhouse plants, producing a dense cluster of trumpet shaped flowers, in a fine range of colors; seed sown in January and February, plants will flower in July	1.25	.50

SUNFLOWER. See Helianthus

Ask for Cultural Leaflet No. 211 on the growing of Stocks

(wn)

MICHELL'S SPENCER OR ORCHID SWEET PEAS

Summer Flowering Varieties

These are distinguished by the large size of the flowers, with crinkled and wavy petals and also from the fact that they usually bear four flowers on a stem. The varieties we list are selected from a long list and are considered to be the best up-to-date varieties.

	Oz.	¼ lb.	Lb.
BLUE AND PURPLE			
Fortune. Rich dark blue	$0.30	$0.75	$2.25
Royal Purple. Rich purple; one of the finest varieties	.30	.75	2.25
Wedgewood. A lovely self-blue	.30	.75	2.25
DEEP PINK OR ROSE			
Fluffy Ruffles. New giant ruffled type; rich rose pink with soft salmon shading (Pkt., 15c.)	.40	1.00	3.25
Hawlmark Pink. Rose pink flushed and shaded with salmon	.30	.75	2.25
Pinkie. Rose pink; extraordinary large flowers	.30	.75	2.25
LAVENDER			
Austin Frederick Improved. Giant light lavender	.30	.75	2.25
Gleneagles. Large lavender	.30	.75	2.25
Asta Ohn Spencer. Rich lavender	.30	.75	2.25
Hawlmark Lavender. Splendid large lavender	.30	.75	2.25
LIGHT PINK			
Countess Spencer. A lovely clear pink shading deeper at the edge	.30	.75	2.25
Daisybud. Harmonious shades of apple blossom tints with suffusion of cream pink	.30	.75	2.25
Elfrida Pearson. Large shell pink	.30	.75	2.25
Hercules. Giant pure pink	.30	.75	2.25
Miss California. Orange-salmon and carmine pink	.30	.75	2.25
ORANGE AND SALMON			
Barbara. Superbly self-colored salmon	.30	.75	2.25
Tangerine Improved. Brilliant tangerine orange	.30	.75	2.25
PRIMROSE OR LIGHT YELLOW			
Daffodil. The best yellow yet introduced	.30	.75	2.25
SCARLET			
Fiery Cross. Large; intense orange scarlet	.30	.75	2.25
Huntsman. Bright scarlet	.30	.75	2.25
King Edward Spencer. Rich, crimson scarlet; large	.30	.75	2.25
WHITE			
Avalanche. Glistening pure white	.30	.75	2.25
Constance Hinton. Large flowering white; black seeded	.30	.75	2.25
King White. Gigantic flowers; pure white	.30	.75	2.25
Snowball. Undoubtedly the finest pure white variety	.30	.75	2.25

Price, any of the above varieties, except where noted, 10c. per packet.

COLLECTIONS OF SPENCER OR ORCHID SWEET PEAS

One pkt. each 12 named varieties, our selection, $1.00
One packet each 6 named varieties, our selection, 50c.

Spencer or Orchid Sweet Pea, Gleneagles

MICHELL'S SUPERB SPENCER MIXTURE

A mixture that cannot be surpassed. Blended by ourselves from only the Giant Waved Spencer varieties in proper proportions of bright colors and including a number of new hybrids of exquisite colors and shades. Per pkt., 10c.; 25c. per oz.; ¼ lb., 60c.; $2.00 per lb.

Our Booklet "How to Grow Sweet Peas" included in all orders if requested.

For Early or Winter Flowering Spencer Sweet Peas, see page 43.

Stimugerm Culture for Sweet Peas, see page 80

MICHELL'S EARLY OR WINTER FLOWERING SPENCER SWEET PEAS

While these are especially adapted for forcing under glass for Winter and early Spring blooming, they are also valuable for outdoor culture, coming into bloom five or six weeks earlier than the regular Spencer or Orchid flowering type and if the flowers are kept cut, they will continue to bloom for a long time.

Sweet Pea, Shirley Temple

NOVELTY VARIETIES FOR SPRING 1936

Bridesmaid (*1936 Novelty*). A delicate sparkling shade of silver pink, as vigorous and healthy and as slim and supple as the name implies. Bridesmaid bids fair to out-strip the field in popularity as a cut flower, in a large table center arrangement. Large flowers, usually fours, on stems 14 to 16 inches long. Pkt., 25c.; $1.00 per ¼ oz.; oz., $3.00.

Sequoia (*1936 Novelty*). An enormous rich golden cerise color and so frilled and wavy are its wide-spread wings that unless one looks closely he mistakes a single flower for two; petals have a tinge of russet. Free flowering and a strong vigorous grower. Pkt., 25c.; $1.00 per ¼ oz.; oz., $3.00.

Shirley Temple (*Waller-Franklin*). Originator's description. This Sweet Pea which we consider the most beautiful we have ever originated, was obtained through a cross between Pinkie and Lady Gay. It has inherited blooms with the size and richness of color in Pinkie plus the dainty frilled and fluted flowers of Lady Gay; the color is softer and more beautiful than Pinkie Pkt., 25c.; $1.00 per ¼ oz.; oz., $3.00.

Eileen. Rich Begonia rose with salmon shadings, changing under certain lights to a dazzling cerise. This two-tone effect gives "Eileen" a brilliancy of exotic splendor never before obtained in a Sweet Pea. The flowers are large, well placed on long stems; vigorous grower and free bloomer. Pkt., 25c.; 75c. per ½ oz.; oz., $1.25.

Sweet Briar. A mammoth flowering rich rose pink on a white ground, with a touch of amber. The harmony of this combination is rich and gorgeous. The plant is a vigorous grower with stout stems throwing colossal fours in abundance. Pkt., 25c.; 75c. per ½ oz.; oz., $1.25.

NEW VARIETIES OF RECENT INTRODUCTION

Eleanor Blue. Another good novelty in the new and popular Eleanor blue shade, a clear light blue with a silver sheen; flowers large, frilled and of perfect Spencer form, with fours predominating, and pleasingly fragrant. Pkt. 25c.; 60c. per ½ oz.; oz., $1.00.

Fragrance. This delightfully fragrant new variety is in our opinion superior to all other lavenders; color a clear lavender self; flowers extra large, on long stems. Pkt., 25c.; 60c. per ½ oz.; oz., $1.00.

Michell's Rose Wonder. A beautiful, clear rose-pink color on a light ground. Pkt., 25c.; 60c. per ½ oz.; oz., $1.00.

Miss Annie Laurie. A splendid novelty in the richest tone of pure rose-pink ever introduced in a Sweet Pea. It has long stems with four large flowers. Pkt., 25c.; 60c. per ½ oz.; oz., $1.00.

Sensation (*Duplex*). A new early flowering variety and exceptionally fine; the large duplex petaled flowers give the blooms the appearance of being double. Color, clear-toned, luminous Geranium pink, which is a new shade in the early varieties and excellent under artificial light; the flowers, usually borne in fours, are large and well placed. Pkt., 25c.; $1.25 per ½ oz.; oz., $2.00.

Susanna. Large flowers of a rich carmine color, on long stems; an improvement over existing varieties in this color. Pkt., 25c.; 85c. per ½ oz.; oz., $1.50.

GENERAL LIST

	Pkt.	½ oz.	Oz.
Amethyst. An early royal purple	$0.15	$0.40	$0.75
Aviator. Dazzling crimson scarlet	.15	.40	.75
Ball's Blue. Clear even blue	.15	.60	1.00
Ball's Orange. Intensive glowing orange	.15	.60	1.00
Ball's Rose. Rich deep rose	.15	.40	.75
Blue Bird. A charming shade of blue	.15	.40	.75
Burpee's Orange. Clear glistening orange	.15	.40	.75
Columbia. Salmon standard; white wings	.15	.40	.75
Fascination. A wonderful early variety with the salmon rose-pink color of the famous late Hawlmark pink, plus the long, strong stem of the Early Jeanne Mamitsch	.25	.60	1.00
Florence Michell. An extra fine deep blue	.15	.60	1.00
Giant Rose. Rich rose-pink	.15	.40	.75
Glitters (*Early Royal Scot*). Fiery orange	.15	.40	.75
Grenadier. Dazzling scarlet	.15	.60	1.00
Harmony. A beautiful clear lavender	.15	.40	.75
Hope. The finest black seeded, pure white to date; flowers of mammoth size, well waved	.25	.60	1.00
Jeanne Mamitsch. Rose-pink	.15	.40	.75
Lavender King. Rich, deep lavender	.15	.40	.75
Majestic Rose. Deep, brilliant rose-pink	.15	.60	1.00
Mrs. Herbert Hoover. Flowers clear blue	.15	.40	.75
Pink Profusion. Rich pink	.15	.40	.75
Rose Queen. Flowers of large size, and usually four flowers are produced on a stem. Color a most attractive shade of rose-pink	.15	.40	.75
Snowstorm (*Improved*). White; extra large.	.15	.40	.75
Valencia. A bright orange in color and absolutely sun-proof; stems long	.25	.60	1.00
White Harmony. Black seeded; flowers pure paper white of grand substance	.25	.60	1.00
Zvolanek's Rose. Extra large; rose-pink	.15	.40	.75
Mixed Colors. Winter Flowering Spencer	.10	.30	.50

EARLY DWARF SPENCER

Bo-Peep (Novelty)

Bo-Peep is a dwarf erect early flowering Spencer Sweet Pea (not a Cupid) and on this account it makes a splendid pot plant, also an excellent plant for bedding or border work. The color is a salmon pink. Pkt., 25c.; 75c. per ½ oz.; oz., $1.25.

For Summer Flowering Spencer Sweet Peas, see page 42

SWEET ROCKET (Hesperis)

	Large pkt.	Pkt.
Mixed. An excellent perennial for naturalizing among shrubbery or for planting in a permanent border; fragrant white and purple flowers in mixture; 2 to 3 feet	$0.25	$0.10

SWEET WILLIAM (Dianthus Barbatus)

One of the finest hardy perennial garden plants; of easy culture, thriving in any good garden soil. The plants grow about 1½ feet high, and form fine clumps; produces fine effects in beds and borders.

Dwarf or Alpine. A fine new strain, excellent dwarf type; most suitable for edging and rock gardens. The flower heads are very large and the color range a selection of many bright and dark shades. Large pkt., $1.00; 25c. per pkt.

		Large pkt.	Pkt.
Auricula Flowered. A beautiful class of "eyed" single varieties; all colors mixed	oz., 75c.	$0.25	$0.10
Single Crimson	oz., 75c.	.25	.10
" **Newport Pink.** Salmon pink	oz., $1.00	.30	.10
" **Scarlet Beauty.** Deep scarlet	oz., $1.00	.30	.10
" **Velvety Maroon**	oz., 75c.	.25	.10
" **White**	oz., 75c.	.25	.10
" **Mixed.** All colors	oz., 50c.	.25	.10
Double Mixed	oz., 90c.	.25	.10
Annual Single Mixed	oz., $1.25	.40	.10

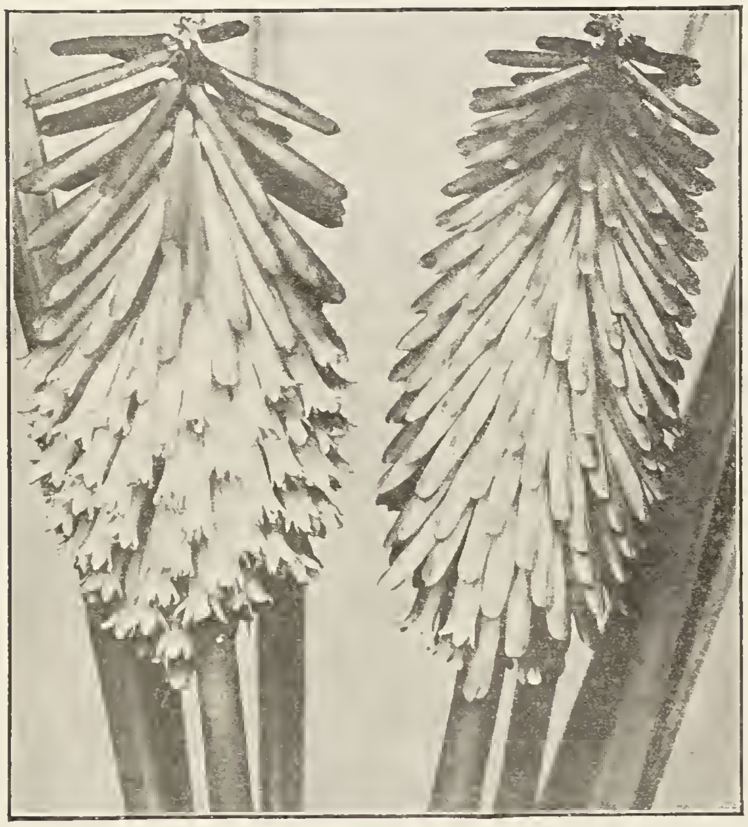
TAGETES (Single Marigold)

	Large pkt.	Pkt.
Signata Pumila. A dwarf, compact bushy annual Marigold; a fine bedding plant; flowers golden yellow; fern-like foliage	$0.25	$0.10

THALICTRUM (Meadow Rue)

Very graceful perennial plants with finely cut foliage; excellent for the hardy border.

	Large pkt.	Pkt.
Aquilegifolium. Columbine-like foliage; feathery white flowers	$0.60	$0.10
Dipterocarpum. Rosy purple, with yellow anthers	.60	.10



Tritoma, Hybrida

Single Sweet William

THERMOPSIS

		Large pkt.	Pkt.
Caroliniana. A splendid perennial, 3 to 5 feet high and producing racemes of yellow, lupin-like flowers, 6 to 12 inches long		$0.75	$0.25

THUNBERGIA (Black-Eyed Susan)

Mixed. Rapid growing annual climbers, making a pretty vine for trellises, fences, rockwork, etc.; also for window boxes, hanging baskets and vases	oz., 75c.	.25	.10

TITHONIA

Speciosa (*Mexican Sunflower*). A native of Mexico; flowers large and remind one of a large single Zinnia; color, orange scarlet; an excellent cut flower	.40	.10

TORENIA

Fournieri Grandiflora. Showy annuals, flowering all Summer; splendid for vases, hanging baskets, borders, etc.; flowers sky blue with yellow center; 12 inches	.60	.10

TRITOMA (Red Hot Poker)

Hybrida Mixed. A free blooming hardy perennial; large spikes of flowers; 2 feet	.50	.10

TROLLIUS (Globe Flower)

Hardy perennial with large, butter-cup-like flowers.

Europaeus. Bright yellow; 20 inches	.75	.25
Hybridus. Bright yellow; 2 feet	1.00	.25

TUNICA

***Saxifraga.** A low growing hardy perennial, with slender foliage; innumerable tiny star-like, pale pink flowers; an excellent rock plant; 4 to 6 inches	.30	.10

VALERIANA (Garden Heliotrope)

Mixed Colors. Hardy perennial border plants; large fragrant flowers, odor resembling that of the heliotrope; 2 to 3 feet	.25	.10

MICHELL'S CULTURAL LEAFLETS

We have prepared the following Cultural Leaflets especially for the benefit of the amateur, or, in fact, for any who may want them, giving instructions how to grow the varieties named successfully from seed. These leaflets are free.

201. Antirrhinum.
202. Aster.
203. Cineraria.
204. Mignonette.
205. Petunia.
206. Primula.
207. Verbena.
208. Zinnia.
209. Pansy.
210. Salvia
211. Stock.
212. Perennials.
213. Carnation.
214. Cosmos
215. Cyclamen.
216. Larkspur. (Annual)
217. Lupinus.
218. Phlox Drum.
219. Nasturtium.
220. Begonia.

Varieties marked * are especially suitable for rock gardens

(wn)

Verbena, Lavender Glory

MICHELL'S VERBENAS

One of the most popular garden annuals for beds and massing and for a gorgeous display during the Summer months cannot be excelled, commencing to flower in July and continuing until frost.

	Large pkt.	Pkt.
Beauty of Oxford Hybrids (*Novelty*). This is a splendid giant hybrid resulting from a cross between Luminosa and Beauty of Oxford; the color shades from clear rose pink to rose red, make this the brightest rose Verbena ever produced from seed; the individual florets measure over one inch in diameter. (Originator's stock seed)	$0.75	$0.25
Grandiflora, Lavender Glory (*Novelty*). A truly magnificent lavender colored variety of gigantic size; undoubtedly the most glorious color in Verbenas, being a true lavender, with a medium size creamy white eye; the individual floret will cover a fifty-cent piece; very fragrant	.75	.25
Newport Salmon (*Michell Novelty*). A splendid giant flowering, true salmon-pink with white eye; extra large florets; comes absolutely true from seed	.60	.15
Dwarf Compact Fireball. Grows about 6 inches high and is literally covered with bright scarlet blooms; excellent for borders, beds or pot plants	.75	.25
Luminosa. Gigantic blooms of flame pink, toning to softer shades of pink and coral, a beautiful combination	.50	.15
Etna. The finest and brightest color in Verbenas, an intense Geranium red, with a small yellow eye; very large	.50	.15
Lucifer. Flowers of large size; color an intense deep cardinal scarlet throughout	.50	.15
Royale. Rich, deep royal blue flowers of enormous size, with creamy yellow eye	.60	.15
Erinoides (*Moss Verbena*). Produces a mass of moss-like foliage, spreading over the ground; for beds, baskets or rockeries; flowers purple	.40	.10
Lemon Scented (*Aloysia Citriodora*). An old favorite garden plant with delightful lemon-scented foliage	.75	.10
Venosa (*Hardy Garden Verbena*). Heliotrope blue; fine for bedding	.40	.10

MICHELL'S VERBENAS

(Continued)

Our Mammoth Fancy strain produces trusses of large flowers of the most brilliant colors and shades.

	Oz.	Large pkt.	Pkt.
Mammoth Fancy Golden Queen. Pure yellow	$2.25	$0.50	$0.10
" " **Helen Willmott.** Pink.	2.25	.50	.10
" " **Purple Mantle.** Purple.	2.25	.50	.10
" " **Blue shades**	2.25	.40	.10
" " **Pink shades**	2.25	.40	.10
" " **Scarlet shades**	2.25	.40	.10
" " **Striped**	2.25	.40	.10
" " **Pure White**	2.25	.40	.10
" " **Yellow shades**	2.25	.40	.10
" " **Mixed**	1.50	.40	.10
Collection. One packet each 6 colors			.50

VENIDIUM (Monarch of the Veldt)

	Large pkt.	Pkt.
Fastuosum. A splendid annual with deep golden orange, daisy-like flowers, center reddish brown; height 2 to 3 feet	$0.75	$0.25
Fastuosum Hybrids (*New*). Identical in habit with above, with a varied color range from apricot to deep golden orange	.75	.25

VERONICA (Speedwell)

An elegant hardy perennial plant of easy culture and free-flowering habit; of value as a cut flower or for the garden.

	Large pkt.	Pkt.
Longifolia Subsessilis. Rich blue flowers; 2 feet	$0.50	$0.10
***Repens.** A splendid dwarf perennial rock plant, with masses of bright blue flowers; 4 inches	.75	.25
Spicata. Bright blue flowers; 18 inches	.50	.10

Venidium

Ask for Cultural Leaflet No. 207 on the growing of Verbenas (wn)

VINCA (Madagascar Periwinkle)

Dwarf bedding plants, easily raised from seed; deep green glossy foliage and bright single blossoms of striking beauty; also suitable for pot plants; sow early.

	Large pkt.	Pkt.
Alba. White with rose eye	$0.30	$0.10
Alba Pura. Pure white	.30	.10
Rosea. Rose with dark eye	.30	.10
Mixed oz., $1.25	.25	.10

*VIOLA

Viola, Arkwright Ruby

Arkwright Ruby (*Novelty*). This new variety is of the large flowered type; color a beautiful bright rosy crimson, with terra cotta shadings, making it a very outstanding variety, with the added attraction of being very fragrant. Pkt., 50c.; $1.00 per large pkt.

Yellow Queen (*Novelty*). Another large flowered type; color deep pure yellow and coming practically 100% true from seed; plants are of robust habit and of a very free flowering nature; a decided acquisition to the Viola group. Pkt., 50c.; $1.00 per large pkt.

	Large pkt.	Pkt.
Jersey Gem. This is the most popular and free blooming of all Violas; color a pure rich violet; of dwarf habit and continuously in bloom	$1.00	$0.50

*VIOLA BOSNIACA (Johnny Jump-Up)

Free bloomer; small leaves; purple flowers	.60	.10

*VIOLA CORNUTA (Tufted Pansies)

These resemble pansies in shape and form and while not quite as large, they bloom more profusely and for a longer time. Seed sown in April produce flowering plants by June.

	Large pkt.	Pkt.
Admiration. Dark blue	$0.60	$0.10
Apricot Queen. One of the finest of the Violas; color a beautiful rich apricot yellow, tinged orange; flowers large; free bloomer	.75	.25
G. Wermig. Rich violet blue; 8 inches	.75	.25
Mauve Queen. Lovely mauve color	.60	.10
Papilio. Blue and white; 6 inches	.50	.15
Perfection. Light blue	.60	.10
Rose Queen. Compact, dwarf habit; rosy pink flowers; ideal for the rock garden	.60	.20
White Perfection. Large white	.60	.10
Yellow Perfection. Golden yellow	.60	.10
Mixed. All colors	.50	.10

*VIOLA (Scotch Bedding Pansies)

Produces larger flowers than Viola Cornuta.

Mixed Colors	1.00	.25

*VIOLET Sweet Scented (Viola Odorata)

Single Blue Czar (*Hardy Garden Violet*). Seed is of slow germination and should be sown in the Fall and left outdoors over Winter	.75	.10

VIRGINIAN STOCK

Mixed. An easy growing border annual....oz., 40c.	.25	.10

WALLFLOWER

Half-hardy perennials of delicious fragrance. They should be protected in a cold frame in the Winter and planted out in the Spring; 2 feet.

	Large pkt.	Pkt.
Double Brown	$0.60	$0.10
" **Yellow**	.60	.10
" **Mixed.** All colors	.60	.10
Early Flowering Double Mixed. An extra early variety flowering from seed in 90 days	.50	.10
Gold Standard. Double annual, deep golden yellow, very fragrant; the finest variety for forcing	.60	.10
Single Mixed oz., 40c.	.25	.10
Paris Extra Early Mixed. A single-flowering variety, which may be treated as an annual, flowering the first year from seed; 1½ feet oz., 60c.	.25	.10

ANNUAL MIXED OR WILD FLOWER GARDEN SEED

This mixture embraces a large number of varieties of easy-growing, beautiful and interesting annual flowers, which will furnish a profusion of bloom throughout the entire Summer and Autumn; many of the varieties will be found useful for cutting. Pkt., 10c.; 25c. per oz.; ¼ lb., 60c.; $2.00 per lb.

XERANTHEMUM (Everlasting Flower)

See Page 27

Double Wallflower

MICHELL'S ZINNIAS (Youth and Old Age)

One of the most showy and satisfactory of our hardy annuals for beds, mixed borders and for cutting purposes; easy to grow in any good garden soil. They commence flowering early in the Summer and continue until frost.

FANTASY OR CHRYSANTHEMUM FLOWERED MIXED

Novelty (Bodger)

A new Zinnia, the rounded flowers are composed of a mass of shaggy ray-like petals which give a delicate and refined appearance to the medium sized double flowers. The color range includes the brightest of red and orange as well as the popular pastel pinks and cream. Pkt., 25c.; 60c. per large pkt.

DESERT GOLD

Novelty

A large flowering type in the shades of yellow and gold; each petal overlaid at the base with a deeper color giving a charming bi-color combination. Pkt., 25c.; 60c. per large pkt.

GIANT DAHLIA FLOWERED ZINNIAS

Plants of vigorous habit, from 2½ to 3 feet high; mammoth flowers 4 to 6 inches across and 2½ to 3 inches deep and so closely resembling decorative Dahlias, that when placed by their side, it is difficult to distinguish one from the other. This new type is also valuable for growing under glass for cutting.

	Oz.	¼ oz.	Large pkt.	Pkt.
Buttercup. Immense deep creamy yellow.	$2.00	$0.60	$0.40	$0.15
Crimson Giant	2.00	.60	.40	.15
Dream. Deep lavender turning to purple.	2.00	.60	.40	.15
Exquisite. Light rose, center deep rose	2.00	.60	.40	.15
Golden Dawn. Bright golden yellow	2.00	.60	.40	.15
Golden State. Orange yellow	2.00	.60	.40	.15
Luminosa. A new shade of bright pink	2.00	.60	.40	.15
Old Rose	2.00	.60	.40	.15
Oriole. Orange and gold	2.00	.60	.40	.15
Polar Bear. Pure white	2.00	.60	.40	.15
Purple Prince. Large deep purple	2.00	.60	.40	.15
Scarlet Flame. Scarlet with blending of orange	2.00	.60	.40	.15
Mixed Colors	1.25	.40	.30	.10
Collection, one packet each, 12 colors				1.50
" one packet each, 6 colors				.75
" one large packet each, 12 colors				3.75

ROBUSTA OR GIANT DOUBLE ZINNIAS

Plants grow to a height of 2½ to 3 feet with immense perfectly double flowers; splendid for cutting or garden effect.

	Oz.	Large pkt.	Pkt.
Buttercup. Deep yellow	$1.25	$0.30	$0.10
Crimson	1.25	.30	.10
Flesh Color	1.25	.30	.10
Golden Yellow	1.25	.30	.10
Orange	1.25	.30	.10
Purple	1.25	.30	.10
Rose King. Carmine rose	1.25	.30	.10
Salmon	1.25	.30	.10
Scarlet	1.25	.30	.10
Shrimp Pink	1.25	.30	.10
Sulphur Yellow	1.25	.30	.10
Violet	1.25	.30	.10
White	1.25	.30	.10
Mixed	.75	.25	.10
Collection, one packet each, 12 colors			1.00
Collection, one packet each, 6 colors			.50

Lilliput Zinnias

ZINNIA ELEGANS, LILLIPUT

Of compact habit not over 15 inches high; beautiful miniature, perfectly double flowers; splendid for bedding and good for cutting.

	Oz.	Large pkt.	Pkt.
Canary Yellow	$1.25	$0.25	$0.10
Crimson Gem	1.25	.25	.10
Golden Gem	1.25	.25	.10
Salmon Rose	1.25	.25	.10
Scarlet Gem (*Red Riding Hood*)	1.25	.25	.10
Valencia. A new shade of burnt orange	1.25	.25	.10
White Gem	1.25	.25	.10
Mixed Colors	1.00	.25	.10

Collection, one packet each 6 colors, 50c.

DWARF DOUBLE ZINNIAS

Compact bushes not over two feet in height, large double flowers.

	Oz.	Large pkt.	Pkt.
Crimson	$0.75	$0.25	$0.10
Pink	.75	.25	.10
Salmon Rose	.75	.25	.10
Scarlet	.75	.25	.10
White	.75	.25	.10
Yellow	.75	.25	.10
Mixed	.60	.25	.10

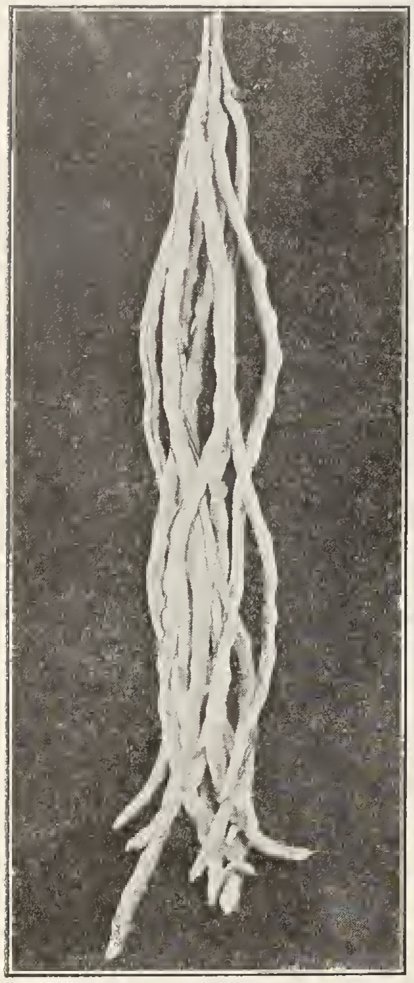
VARIOUS ZINNIAS

	Oz.	Large pkt.	Pkt.
Pumila Picotee "Delight." An extra select variety in light and deep salmon shades; petals ruffled and curled		$0.50	$0.15
Scabious Flowered (*New*). Medium sized flowers, resembling the annual Scabiosa, fine for cutting; choice mixed colors		.60	.25
Curled and Crested Mixed. Petals curiously twisted and curled; a distinct variety in a good range of colors	$1.00	.30	.10
Giant Picotee, Mixed. Large double flowers of many colors and shades	2.00	.50	.15
Haageana (*Mexican Hybrids*). Double mixed.		.50	.15

MICHELL'S NOVELTIES AND SPECIALTIES IN VEGETABLE SEEDS FOR 1936

In line with our usual custom, we have taken from our general list certain novelties and specially meritorious varieties of vegetable seeds to which we call, on this and the two succeeding pages, special attention. Planters will do well to include these sorts in their seed order.

Prices quoted on Beans, Sugar Corn and Peas are prepaid on quantities up to 5 pounds, to the first and second zones; for other zones see parcel post table on page 1. Larger quantities shipped at purchaser's expense.



Giant Podded Asparagus Bean

GIANT PODDED ASPARAGUS BEAN

Also known as the Yard Long Bean

A green-podded snap pole bean; vines are vigorous growers and produce an enormous crop of long green pods, measuring 2 feet or more in length, which are tender and of excellent quality. Ready in about 80 days after planting. Pkt., 15c.; 40c. per ½ lb.; lb., 75c.

Good For All Beet

SULROTE

The new insecticide for the control of the Mexican Bean Beetle.

See page 177.

GOOD FOR ALL BEET

A new addition to the Beet family

A fine variety, maturing nearly as early as Crosby's Egyptian; suitable for table or canning when half grown. Dark red inside and out; uniform in size and shape, which is almost globular; medium sized top. Pkt., 15c.; 20c. per oz.; ¼ lb., 45c.; $1.25 per lb.

CALIFORNIA BUNCHING CARROT

The roots at full maturity are almost cylindrical and reach a size of 1 to 1¼ inches in diameter and about 8 inches long; smooth and free from side shoots; color red and of fine quality. See illustration, page 57. Pkt., 10c.; 20c. per oz.; ¼ lb., 60c.; $2.00 per lb.

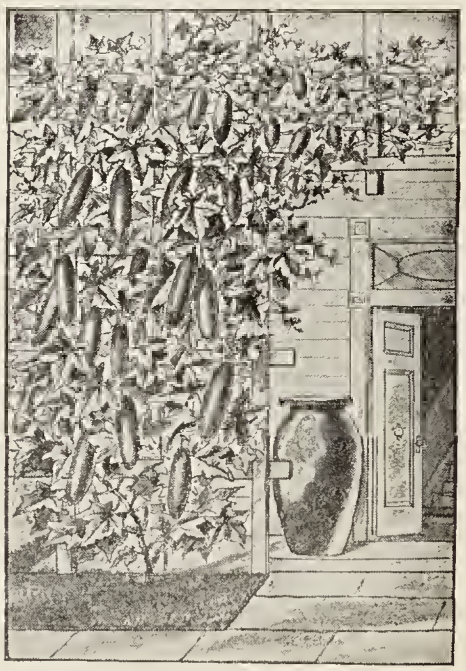
JAPANESE CLIMBING CUCUMBER

The vines attain almost twice the length of other varieties and can be successfully grown on fences, poles or trellises. The extra long, light-green fruits are produced in abundance; flesh thick and firm, never bitter; a superb variety for slicing; when young make fine pickles. The fruits are raised well above the ground, so seldom suffer from wet weather or insects. Pkt., 15c.; 35c. per oz.; ¼ lb., $1.00, prepaid.

Tendergreen Bean

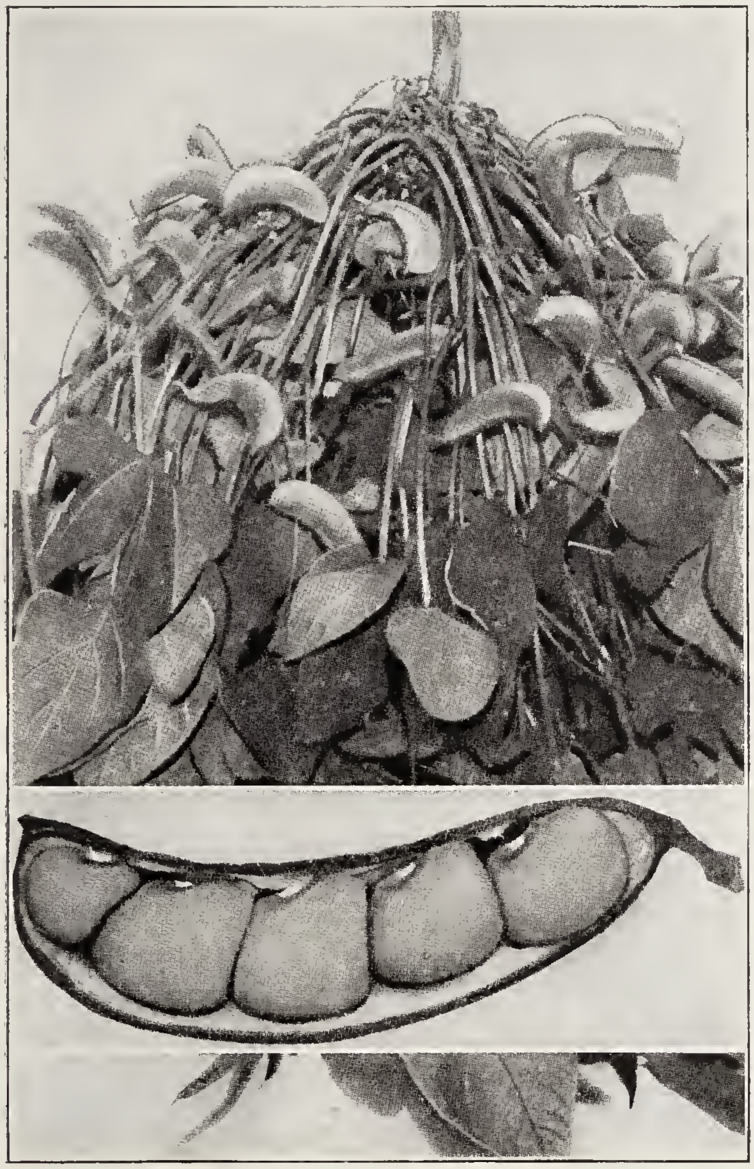
TENDERGREEN BEAN

An early stringless green pod variety, bearing round pods at least 6 inches long, almost straight and very meaty; ready in about 52 days after planting. Pkt., 10c.; 25c. per ½ lb.; lb., 40c.; 75c. per 2 lbs.; 5 lbs., $1.65; $3.00 per 10 lbs.; 25 lbs., $6.50.



For General List of Vegetable Seeds, see pages 52 to 78

Prices quoted on Beans, Sugar Corn and Peas are prepaid on quantities up to 5 pounds, to the first and second zones; for other zones see parcel post table on page 1. Larger quantities shipped at purchaser's expense.



McCrea's Bush Lima Bean

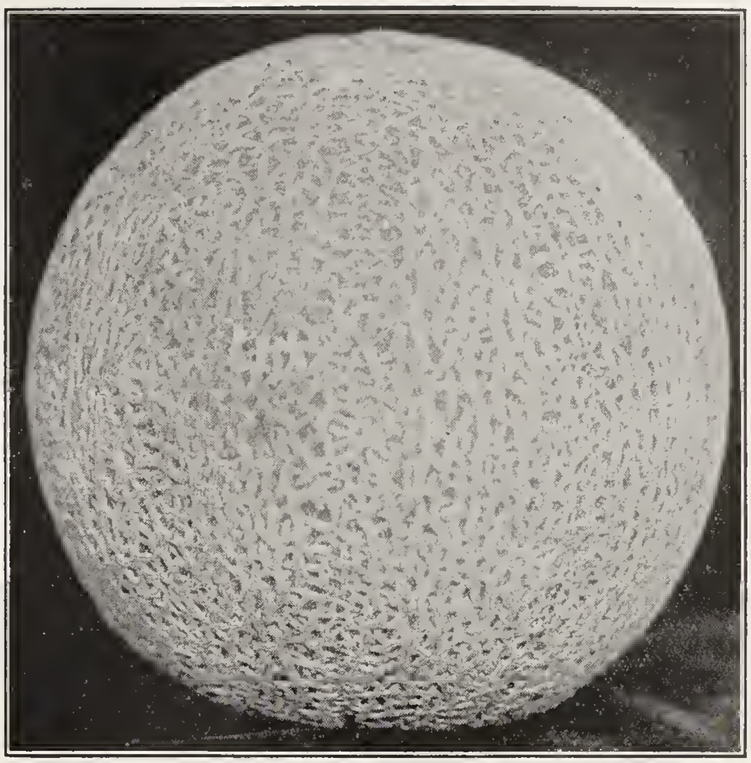
McCREA'S BUSH LIMA BEAN

Something new in a Bush Lima

An ideal sort for the home garden and fine for canning, as the beans retain a green color and fine flavor. The bush which is stocky, produces medium sized pods, containing from 3 to 5 thick beans of extra fine quality, distinct from other bush limas. Pkt., 15c.; 30c. per ½ lb.; lb., 50c.; 95c. per 2 lbs.; 5 lbs., $2.25.

PARSLEY, TOM THUMB

A very fine extra curled variety of very dwarf habit, growing uniform in shape and compactness. Excellent for home garden use; also suitable for edging borders and decorative purposes. Pkt., 10c.; 25c. per oz.; ¼ lb., 65c.; $2.00 per lb., prepaid.



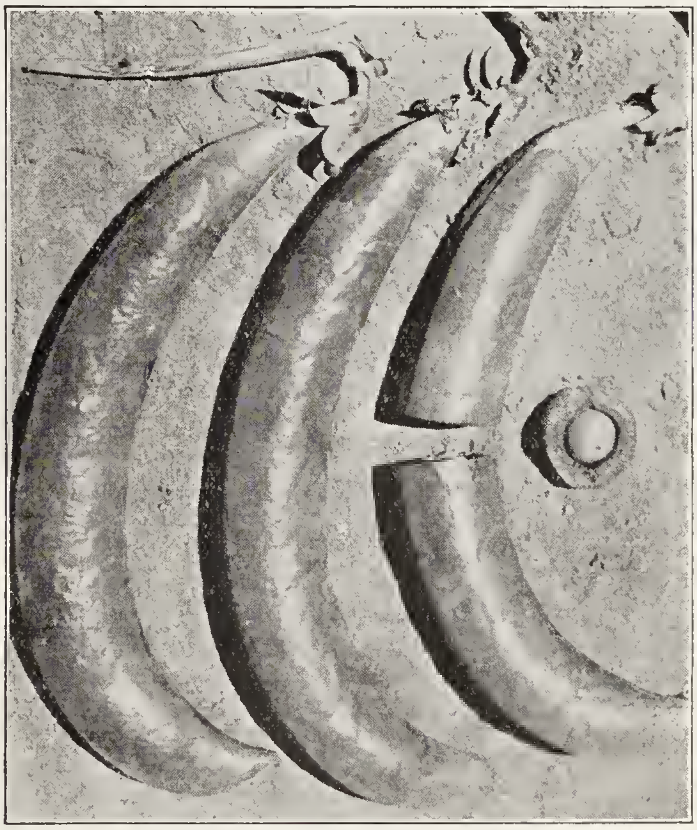
Muskmelon, Honey Rock

MUSKMELON

HONEY ROCK

A New Introduction

A wonderful melon of excellent flavor; medium in size, round as a ball and with a very coarse netting; flesh is thick and of a deep orange color; they ripen early and have proven to be very productive. Pkt., 10c.; 20c. per oz.; ¼ lb., 50c., postpaid.



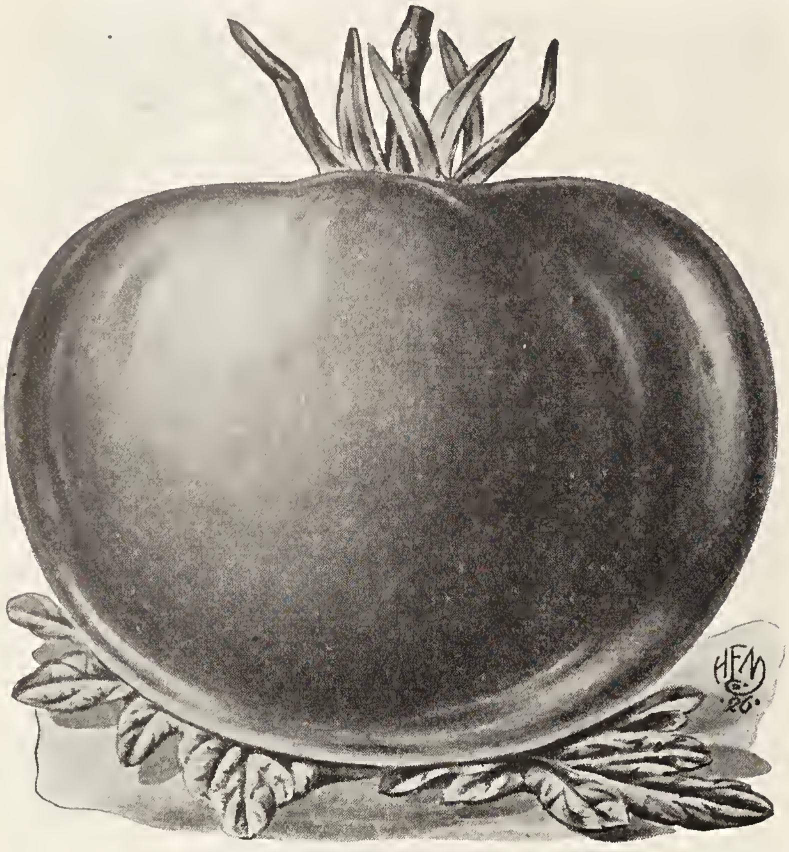
Honey Sweet Pea

SUGAR OR EDIBLE POD PEA

Honey Sweet

Most distinct Sugar Pea ever introduced

An entirely new type, with curved pods that are thick and fleshy and free from hard tissue; can be cooked like string beans. Its sliced pods make a delicious addition to mixed salads. Pkt., 35c.; $1.20 per ½ lb.; lb., $2.00.



Tomato, Crimson Cushion or Beefsteak

NOTE—All seeds on this page (excepting Beans) sent prepaid at quoted prices.

PEA, LAXTON'S PROGRESS

Earlier than Laxtonian; produces deep green, long pods filled with 8 or 9 large peas of excellent flavor. 18 inches. Pkt., 10c.; 25c. per ½ lb.; lb., 40c.; 75c. per 2 lbs.; 5 lbs., $1.75; $3.20 per 10 lbs.; 25 lbs., $7.00.

SQUASH, TABLE QUEEN OR ACORN

Matures early, edible in about 55 days; 6 to 8 inches long; 3 inches in diameter; rind deep green turning to orange as it ripens; flesh light yellow; fine for baking. Pkt., 10c; 20c. per oz.; ¼ lb., 45c.; $1.50 per lb.

TOMATO, CRIMSON CUSHION OR BEEFSTEAK

A vigorous grower; heavy, dark green foliage; fruits large, crimson scarlet, solid and suitable for slicing or canning. This is a variety that will grow and produce in most any locality. Pkt., 10c.; 30c. per ½ oz.; oz., 50c.; $1.75 per ¼ lb.

ITALIAN AND AMERICAN VEGETABLES

Especially selected varieties which are used extensively by the Italian people.

Italian Dandelion

DWARF BEAN (Fagiuoli Nana)

Long Pod Broad or Fava. An English variety, used in the dry state, shelled. Grown extensively by the Italian people. Plant in rows about 3 feet apart, 8 inches apart in the row. Pkt., 10c.; 25c. per ½ lb.; lb., 40c.; 75c. per 2 lbs.; 5 lbs., $1.75; $3.20 per 10 lbs.; 25 lbs., $7.00.

BROCCOLI (Broculi)

Rapa or 40 Day. This is a very early type of sprouting Broccoli, producing many small heads. The seed is broadcasted thickly. Cut when about 10 to 12 inches high, just before the heads burst into bloom. Suitable for early spring or fall sowing. A very fine green. Pkt., 10c.; 15c. per oz.; ¼ lb., 40c.; $1.25 per lb.

CABBAGE (Cavola Cappuccio)

Perfection Drumhead Savoy. A crimped-leaved sort; color deep, glossy green; the head is almost round and distinctly flavored. Pkt., 10c.; 20c. per ½ oz.; oz., 35c.; $1.00 per ¼ lb.

CUCUMBER (Citriolo)

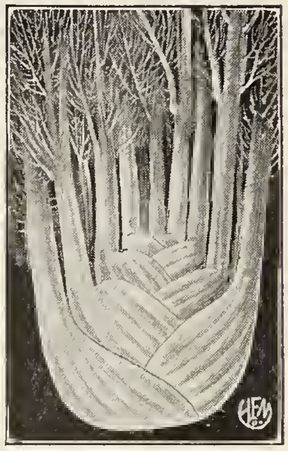
Early Market. A new variety worthy of a trial in your garden. Plant this one and you will have cucumbers before your neighbors. An attractive dark green variety, uniform in shape and size; averages 8 inches in length; excellent for slicing. Pkt., 10c.; 25c. per oz.; ¼ lb., 65c.

DANDELION, ITALIAN (Dente de Leone) (Cichoria Catalogna)

A new introduction in this country and is in great demand as a green. The main stalk produces leaves resembling the broad leaved variety, but much greater in length. It is cut and bunched same as asparagus. Pkt., 15c.; 35c. per oz.; ¼ lb., $1.10.

ENDIVE (Indivia)

Escarolle or Full Heart Batavian. Leaves broad, light green, nearly plain. Pkt., 10c.; 25c. per oz.; ¼ lb., 55c.



Finocchio or Florence Fennel

FLORENCE FENNEL (Finocchio)

A delicious Italian vegetable which tastes quite like Celery, but is a little sweeter and more delicate in flavor. The enlarged leaf bases are usually boiled in preparation for the table. Pkt., 10c.; 25c. per oz.

ITALIAN ROCKET OR RUCOLA

Greatly relished in salads and quite tasty in soups; the leaves resemble sorrel; slightly pungent, but flavor is distinct and appetizing. Pkt., 10c.; 20c. per oz.; ¼ lb., 60c.

SQUASH (Zucca)

Cocozelle or Italian. This is a bush variety with smooth fruits, dark green in color, striped deeper. Pkt., 10c.; 15c. per oz.; ¼ lb., 40c.; $1.25 per lb.

TOMATO, ITALIAN SALAD

A new variety from Italy for the American people; this fine red, plum-shaped salad tomato has become quite popular, due to the fact that it is practically free from acid, very few seeds and has a flavor all its own. When served in halves or quarters on a lettuce leaf with the usual fixings it makes a very attractive dish. Pkt., 20c.; 60c. per ½ oz.; oz., $1.00.

MICHELL'S COLLECTIONS OF VEGETABLE SEEDS

It will be observed that the varieties offered in these collections are such as can be planted as late as most gardening can be undertaken. The "Collection Idea" of Vegetable Seeds is gaining in popular favor; many persons, even the experienced gardeners, do not know the best varieties to order. These collections have also a decided feature of advantage, as they save time and money; they cover the most popular kinds of vegetables used in every household and we are sure our customers will find them made up with the thought of being entirely practical. As these collections are put up previous to the busy season we cannot make any changes in the varieties or quantities. The collections named below if bought separately would cost considerably more.

Michell's City Garden Collection

14 Varieties Postpaid for $1.00

1 Pkt. **Beans.** Stringless Green Pod.
1 Pkt. **Beans.** Dwarf Golden Wax.
1 Pkt. **Beans.** Fordhook Bush Lima.
1 Pkt. **Beet.** Crosby's Egyptian.
1 Pkt. **Carrot.** Danver's Half Long.
1 Pkt. **Corn** (*Sugar*). Golden Bantam.
1 Pkt. **Lettuce.** Big Boston.
1 Pkt. **Onion.** Danver's Yellow Globe.
1 Pkt. **Parsley.** Moss Curled.
1 Pkt. **Peas.** Dandy Extra Early.
1 Pkt. **Radish.** Round Red.
1 Pkt. **Squash.** White Bush.
1 Pkt. **Tomato.** Earliana.
1 Pkt. **Turnip.** Purple Top White Globe.

Michell's Suburban Garden Collection

21 Varieties Postpaid for $2.30

½ Lb. **Beans.** Stringless Green Pod.
½ Lb. **Beans.** Fordhook Bush Lima.
1 Pkt. **Beet.** Crosby's Egyptian.
1 Pkt. **Cabbage.** Early Jersey Wakefield.
1 Pkt. **Carrot.** Danver's Half Long.
1 Pkt. **Cucumber.** White Spine.
½ Lb. **Corn** (*Sugar*). Golden Bantam.
1 Pkt. **Kale.** Dwarf Green Curled.
1 Pkt. **Kohl Rabi.** White Vienna.
1 Pkt. **Lettuce.** Big Boston.
1 Pkt. **Onion.** Danver's Yellow Globe.
1 Pkt. **Parsley.** Moss Curled.
1 Pkt. **Parsnip.** Hollow Crown.
½ Lb. **Peas.** Dandy Extra Early.
1 Pkt. **Radish.** Round Red.
1 Pkt. **Salsify.** Sandwich Island.
1 Oz. **Spinach.** Bloomsdale.
1 Pkt. **Squash.** White Bush.
1 Pkt. **Swiss Chard.** Lucullus.
1 Pkt. **Tomato.** Earliana.
1 Pkt. **Turnip.** Purple Top White Globe.

Michell's Country Garden Collection

31 Varieties Postpaid for $4.75

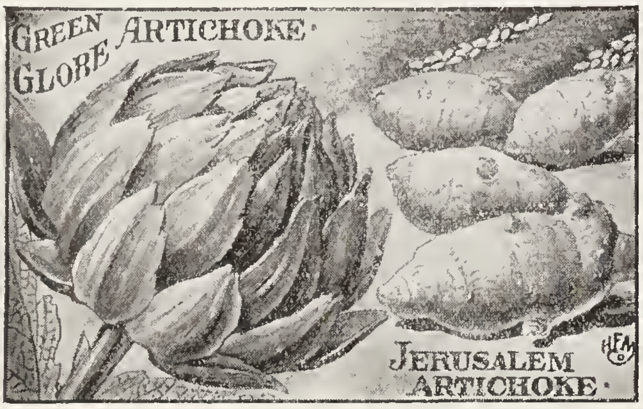
1 Lb. **Beans.** Stringless Green Pod.
1 Lb. **Beans.** Dwarf Golden Wax.
1 Lb. **Beans.** Fordhook Bush Lima.
1 Oz. **Beet.** Crosby's Egyptian.
1 Pkt. **Cabbage.** Early Jersey Wakefield.
1 Pkt. **Cabbage.** Late Flat Dutch.
1 Oz. **Carrot.** Danver's Half Long.
1 Pkt. **Celery.** White Plume.
½ Lb. **Corn** (*Sugar*). Golden Bantam.
½ Lb. **Corn** (*Sugar*). Stabler's Early.
½ Lb. **Corn** (*Sugar*). Stowell's Evergreen.
1 Pkt. **Cucumber.** White Spine.
1 Pkt. **Endive.** Green Curled.
1 Pkt. **Kale.** Green Curled.
1 Pkt. **Kohl Rabi.** White Vienna.
1 Pkt. **Leek.** Carentan.
1 Pkt. **Lettuce.** Big Boston.
1 Pkt. **Lettuce.** Curled Silesian.
1 Pkt. **Lettuce.** Cos or Romaine.
1 Pkt. **Muskmelon.** Rocky Ford.
1 Pkt. **Watermelon.** Dixie.
1 Pkt. **Onion.** Danver's Yellow Globe.
1 Pkt. **Onion.** Silver Skin.
1 Pkt. **Parsley.** Moss Curled.
1 Lb. **Peas.** Nott's Excelsior.
1 Lb. **Peas.** Dwarf Champion.
1 Oz. **Radish.** Round Red.
1 Oz. **Radish.** Round White.
1 Oz. **Spinach.** Bloomsdale.
1 Pkt. **Squash.** White Bush.
1 Oz. **Swiss Chard.** Lucullus.

Michell's Practical Garden Pointers. A publication we have compiled that contains valuable information on the culture of Vegetables, Flowers, etc., also Garden Plans, will be sent free with any of the above collections.

See pages 52 to 78 for complete list of Vegetable Seeds

ANISE (Herb)

Seed is used for flavoring. Pkt. 10c.; 35c. per oz.



ARTICHOKE

Artichaut (Fr.); Artischoke (Ger.); Articiocca (Ital.)

One oz. will produce about 500 plants.

Sow seed in January in the greenhouse, or in hotbeds in March. Transplant when large enough, in rows 3 feet apart, 2 feet apart in the row. Protect the plants in Winter by taking them in a cellar or putting in a cold frame; may be left outdoors if protected by straw or leaves.

Green Globe. Pkt., 15c.; 30c. per ½ oz.; oz., 50c.; $1.60 per ¼ lb.

ARTICHOKE PLANTS

(Ready in April)

Green Globe. We grow a large stock of these, for those who do not care to bother with them from seed, thus an early crop may be assured. Pot grown, $1.50 per doz.; 25 for $3.00; $10.00 per 100 (by express only).

ARTICHOKE ROOTS

Jerusalem (Ready in April)

Used for table and stock feeding. Cut the tubers to single eyes and plant like potatoes, 3 to 4 feet apart each way, three or four tubers in a hill. Leave the tubers in the ground and dig as wanted. 20c. per lb. (by parcel post, 30c.); 90c. per 5 lbs. (by parcel post, $1.05); 10 lbs., $1.60 (by parcel post, $1.80); $3.50 per 25 lbs.; 50 lbs., $6.50.

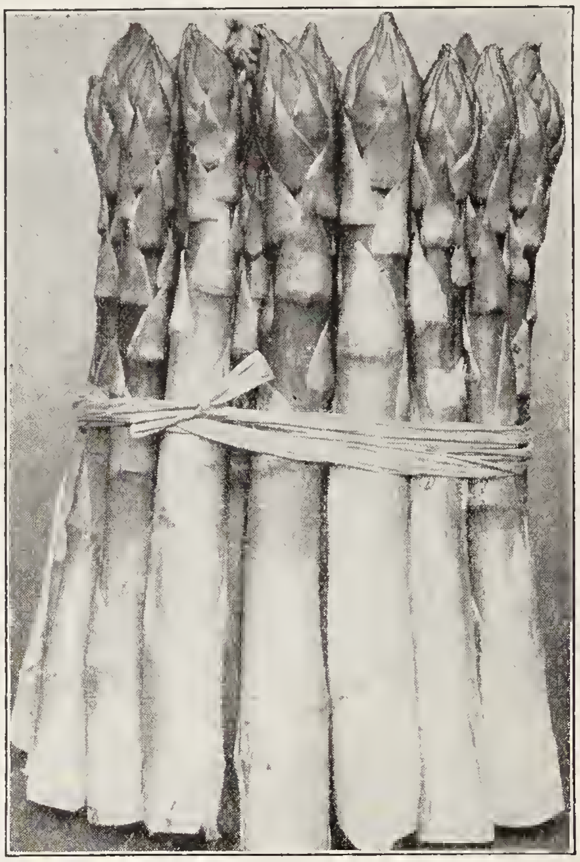
ASPARAGUS ROOTS

(Ready about March 20th for Spring planting; about October 10th for Fall planting)

4000 to 6000 roots are required for an acre

	2-Year-Old Roots		
	Per 50	100	1000
Palmetto or Eclipse	$0.70	$1.25	$10.00
Giant Washington	.85	1.40	11.00

If above are wanted by parcel post, add 10c. per 50; 15c. per 100 for postage.



Giant Washington Asparagus

ASPARAGUS

Asperge (Fr.); Spargel (Ger.); Sparagio (Ital.)

Sow 5 lbs. per acre for roots, or 1 oz. to 50 feet.

A well-cared-for bed improves with age and lasts for many years. It may be established from seed, but much time is saved by planting roots. Seeds should be sown thinly in early Spring in rows 1 to 2 feet apart. Thin out the weakest plants so the remainder will be 4 inches apart. When one or two years old, transplant in the permanent bed in rows 3 feet apart, setting the roots 1 foot to 1½ feet apart, from where it can be cut three years later. "Michell's Practical Garden Pointers" gives full information and is mailed free.

Palmetto or Eclipse. One of the earliest; very prolific and finely flavored. Color, green. 10c. per oz.; ¼ lb., 25c.; 75c. per lb.

Giant Washington. A rust-resisting variety; long stout spears, of a dark green color, with a rich purple tinge. 15c. per oz.; ¼ lb., 35c.; $1.00 per lb.

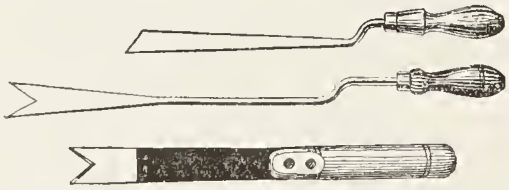
BASIL, Sweet (Herb)

Pkt. 10c.; 20c. per ½ oz.; oz., 35c.

ACCESSORIES TO ASPARAGUS GROWING

ASPARAGUS BUNCHER

Even where one has a limited amount of asparagus to market, it pays to use a buncher. Price, with knife guard, $4.50 (by P. P., $4.70).



ASPARAGUS KNIVES

	Each	By P.P. Each
No. 2501 (top illustration)	$0.50	$0.60
No. 2500 (center illustration)	.50	.60
No. 2311 (bottom illustration)	.40	.50

ASPARAGUS TAPE

Fast red, 1000-yd. spool, $4.00 (by P. P., $4.15).
Green, 1000-yd. spool, $3.00 (by P. P., $3.15).

Raffia. Ideal for tying asparagus in bunches. Natural, 40c. per lb. (by parcel post, 50c.); 5 lbs., for $1.90 (by parcel post, $2.05). Green, 75c. per lb. (by parcel post, 85c.); 5 lbs., $3.50 (by parcel post, $3.65).

Raffiatape. A linen and paper composition; nile green color. 80c. per spool of 250 yards (by parcel post, 90c.); 6 spools, $4.75 (by parcel post, $4.95).

Jute Twine. For tying asparagus, 2 and 3-ply; soft and pliable. Per ball, 15c. (by parcel post, 25c.); 25c. per lb. (by parcel post, 35c.).

Asparagus Salt. Applied in the Spring for destroying weeds, 800 lbs. per acre. $2.00 per 100 lbs.; 200 lbs., $3.50; $16.00 per ½ ton; ton, $30.00.

Asparagus Fertilizer. Compounded after a formula recommended by a leading asparagus grower; apply 800 lbs. per acre. $2.50 per 100 lbs.; 200 lbs., $4.50; $21.50 per ½ ton; ton, $40.00.

ASPARAGUS PRODUCTION By Hexamer

A practical treatise on the planting, cultivation, marketing, etc., of this important vegetable. Price, $1.10.

MICHELL'S DWARF BEANS

Haricots Nains (Fr.); Buschbohnen (Ger.); Fagiuoli Nani (Ital.). Plant 90 lbs. per acre. 2 lbs. will plant a 100-foot row.

Cultural Directions.—A rich, sandy loam suits beans to perfection. Toward the end of April, or still better in May, sowings may be made and may be repeated every two weeks until August. Have the rows about two feet apart. Sow quite thinly in the row and about two inches deep, thin out to stand four to six inches apart in the rows.

Prices quoted on Beans are prepaid in quantities up to 5 lbs. to the first and second zones; for other zones see parcel post table on page 1. Larger quantities shipped at purchaser's expense.

GREEN-PODDED VARIETIES

Bountiful. A flat podded sort; stringless, tender and a prolific bearer. Pkt., 10c.; 25c. per ½ lb.; lb., 40c.; 75c. per 2 lbs.; 5 lbs., $1.65; $3.00 per 10 lbs.; 25 lbs., $6.50.

Early Mohawk. This variety can be planted before any other sort, being quite hardy; large cropper; flat pod. Pkt., 10c.; 25c. per ½ lb.; lb., 45c.; 85c. per 2 lbs.; 5 lbs., $1.95; $3.60 per 10 lbs.; 25 lbs., $8.00.

Early Red Valentine. An extra early variety, maturing a crop in 40 to 50 days, a large portion of which can be picked at one time; pods 5 to 6 inches long, round, thick, tender and of good quality. Pkt., 10c.; 20c. per ½ lb.; lb., 35c.; 65c. per 2 lbs.; 5 lbs., $1.50; $2.70 per 10 lbs.; 25 lbs., $6.00.

Improved Stringless Green Pod. A round podded sort; early, prolific and a continuous bearer; pods measure 5 to 6 inches, very meaty; even when the pods become quite old they retain their stringless qualities. Pkt., 10c.; 20c. per ½ lb.; lb., 35c.; 65c. per 2 lbs.; 5 lbs., $1.50; $2.70 per 10 lbs.; 25 lbs., $6.00.

Mammoth or Giant Stringless. Of vigorous habit; great producer of large, round pods, from 5½ to 6½ inches long, a good one for the market or home garden. Pkt., 10c.; 20c. per ½ lb.; lb., 35c.; 65c. per 2 lbs.; 5 lbs., $1.50; $2.70 per 10 lbs.; 25 lbs., $6.00.

Masterpiece. A large, flat-podded variety, especially adapted for growing under glass, though it may be grown successfully outdoors. Pkt., 15c.; 30c. per ½ lb.; lb., 50c.; 95c. per 2 lbs.; 5 lbs., $2.25; $4.20 per 10 lbs.; 25 lbs., $9.50.

Stringless Black Valentine. An improvement over the old strain of Black Valentine; pods long and slender, semi-round and absolutely stringless. Pkt., 10c.; 25c. per ½ lb.; lb., 40c.; 75c. per 2 lbs.; 5 lbs., $1.65; $3.00 per 10 lbs.; 25 lbs., $6.50.

Tendergreen. An early stringless variety; round pods, at least six inches long, almost straight and very meaty; ready for use in about 52 days after sowing. Pkt. 10c.; 25c. per ½ lb.; lb., 40c.; 75c. per 2 lbs.; 5 lbs., $1.65; $3.00 per 10 lbs.; 25 lbs., $6.50.

Triumph of the Frames. Splendid for forcing under glass, producing long, narrow, tender pods. Pkt., 15c.; 55c. per lb.; 2 lbs., $1.00; $2.25 per 5 lbs.; 10 lbs., $4.20.

Improved Stringless Green Pod and Tendergreen beans are two outstanding varieties, noted for their fine flavor.

DWARF VARIETIES OF SHELL BEANS

For Winter Use

For soups, baked beans, etc., these are always useful. They can be used in the green state like other sorts when picked very young, but for the first named purpose they are the best. Plant when ground is warm in Spring and up to July 1st, in rows 2 feet apart, beans 3 inches apart in the row.

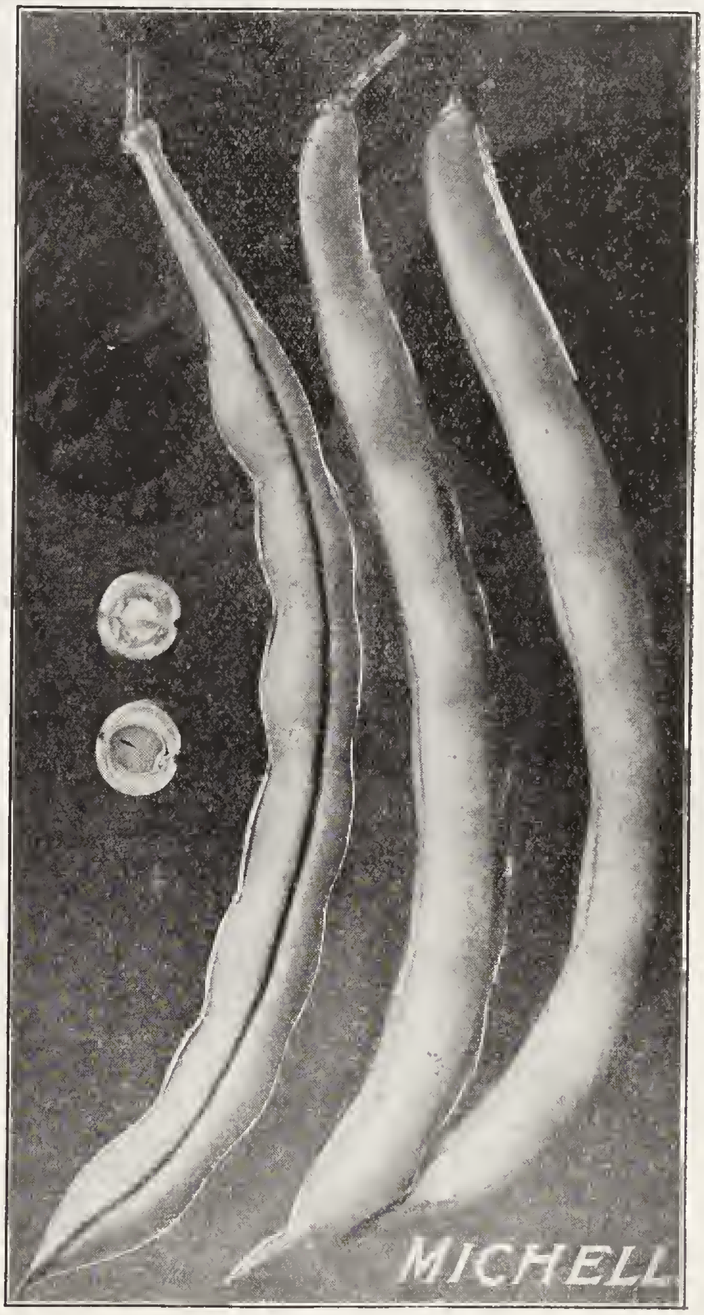
Boston Navy or Pea. A snowy white variety of small size. Pkt., 10c.; 20c. per ½ lb.; lb., 30c.; 55c. per 2 lbs.; 5 lbs., $1.25; $2.20 per 10 lbs.; 25 lbs., $4.50.

Long Pod Broad or Fava. An English bean used in the dry state shelled. Grown extensively by the Italian people. Plant in rows about 3 feet apart, 8 inches apart in the row. Pkt., 10c.; 25c. per ½ lb.; lb., 40c.; 75c. per 2 lbs.; 5 lbs., $1.75; $3.20 per 10 lbs.; 25 lbs., $7.00.

Dwarf Horticultural. One of the best early shell beans; the thick, flat, stringless pods are colored red and green; the bean is large, round and speckled. Pkt., 10c.; 25c. per ½ lb.; lb., 40c.; 75c. per 2 lbs.; 5 lbs., $1.65; $3.00 per 10 lbs.; 25 lbs., $6.50.

Red Kidney. Pods long, kidney-shaped, light red in color and of good quality. Pkt., 10c.; 20c. per ½ lb.; lb., 30c.; 55c. per 2 lbs.; 5 lbs., $1.25; $2.20 per 10 lbs.; 25 lbs., $4.50.

White Marrowfat. Somewhat larger than the Boston Navy or Pea and extensively planted for shelling for Winter or for using in the green state. Pkt., 10c.; 20c. per ½ lb.; lb., 30c.; 55c. per 2 lbs.; 5 lbs., $1.25; $2.20 per 10 lbs.; 25 lbs., $4.50.



Bean, Improved Stringless Green Pod

FAVORITE COLLECTION. Three of the best Green Pod Beans—Extra Early Red Valentine; Bountiful; Improved Stringless Green Pod. Plant at intervals of 2 weeks, in rotation as given. Specially priced, 1 pkt. of each for 25c.; 1 lb. of each for $1.00, prepaid.

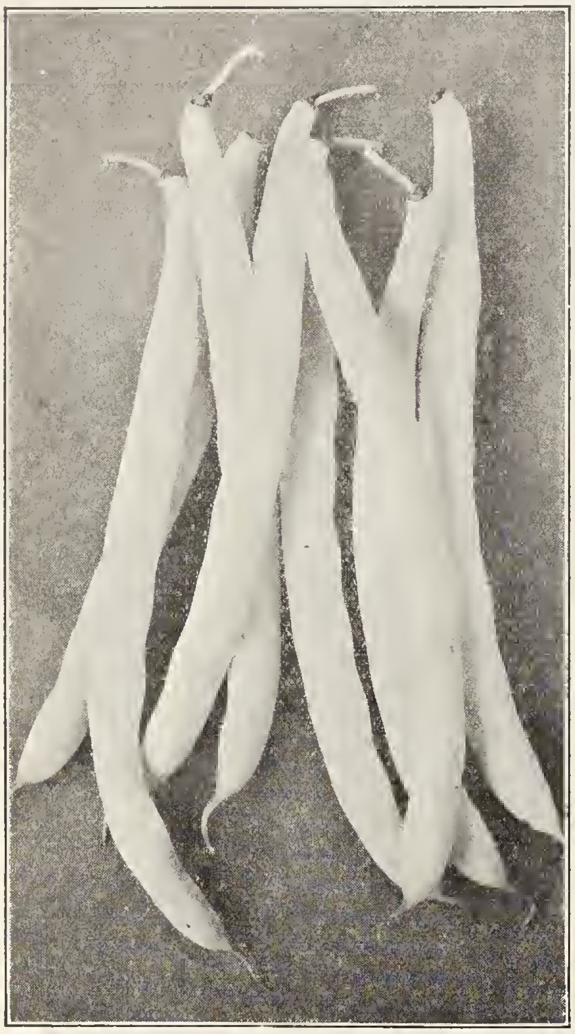
If you want your bean patch to yield earlier and better
Inoculate the seed before planting with
STIMUGERM

When ordering be sure and specify wanted for garden beans, as each leguminous crop requires a separate culture.
See page 80.

See pages 182 and 183 for complete list of fertilizers

MICHELL'S DWARF BEANS—Continued

Prices quoted on Beans are prepaid in quantities up to 5 lbs., to the first and second zones; for other zones, see parcel post table on page 1. Larger quantities shipped at purchaser's expense.



Stringless Refugee Wax Bean

YELLOW-PODDED VARIETIES

Improved Rust-Proof Golden Wax. A very desirable variety for the home garden; vigorous grower and rust-resisting, making it one of the best of the wax beans; pods flat, medium length, good quality. Pkt. 10c.; 25c. per ½ lb.; lb., 40c.; 75c. per 2 lbs.; 5 lbs., $1.65; $3.00 per 10 lbs.; 25 lbs., $6.50.

Pencil Pod Black Wax. A round-podded, hardy sort, entirely stringless, very early. Pkt., 10c.; 25c. per ½ lb.; lb., 40c.; 75c. per 2 lbs.; 5 lbs., $1.65: $3.00 per 10 lbs.; 25 lbs., $6.50.

Round-Podded Kidney Wax. A vigorous grower; fleshy pods, stringless and rust-proof. Pkt., 10c.; 25c. per ½ lb.; lb., 40c.; 75c. per 2 lbs.; 5 lbs., $1.65; $3.00 per 10 lbs.; 25 lbs., $6.50.

Stringless Refugee Wax. Round-podded, entirely stringless and of exceptional flavor. Pkt., 10c.; 25c. per ½ lb.; lb., 40c.; 75c. per 2 lbs.; 5 lbs., $1.65; $3.00 per 10 lbs.; 25 lbs., $6.50.

Sure Crop Stringless Wax. Very productive, hardy and may be planted early; long, thick, flat pods of excellent quality. Pkt., 10c.; 25c. per ½ lb.; lb., 40c.; 75c. per 2 lbs.; 5 lbs., $1.65; $3.00 per 10 lbs.; 25 lbs., $6.50.

Wardwell's Kidney Wax. A favorite market bean; long, thick, flat pods in great abundance; one of the best medium early sorts; free from rust. Pkt., 10c.; 25c. per ½ lb.; lb., 40c.; 75c. per 2 lbs.; 5 lbs., $1.65; $3.00 per 10 lbs.; 25 lbs., $6.50.

MICHELL'S POLE OR RUNNING BEANS

Haricots a Rames (Fr.); Stangenbohnen (Ger.); Fagiuoli (Ital.)

When all danger of frost or cold nights is over, plant in hills 4 feet apart each way, about 4 or 5 beans to the hill, eyes downward. When up and established, thin out to 3 plants in a hill. Plant about 20 lbs. to the acre.

Pole Beans are not accorded in the North the same attention they deserve and receive in the southern part of the United States, where they are found in practically every garden.

They are frequently more tender, and yield larger crops than dwarf sorts. One planting lasts usually for the season.

GREEN-PODDED VARIETIES

Giant Podded Asparagus (*Yard Long*). Produces an enormous crop of long pods, measuring 2 feet or more in length, which are tender and of excellent quality. Pkt., 15c.; 40c. per ½ lb.; lb. 75c.

Horticultural or Speckled Cranberry. Long, pale green pods, which become streaked with red when matured. Pkt., 10c.; 20c. per ½ lb.; lb., 35c.; 65c. per 2 lbs.; 5 lbs., $1.50; $2.70 per 10 lbs.; 25 lbs., $5.75.

Kentucky Wonder or Old Homestead. In the South this variety is grown more extensively probably than any other; a tremendous yielder of long round pods, very tender and practically stringless. Quite early, being ready for picking about 85 days from planting. Pkt., 10c.; 20c. per ½ lb.; lb., 35c.; 65c. per 2 lbs.; 5 lbs., $1.50; $2.70 per 10 lbs.; 25 lbs., $5.75.

Lazy Wife. The best late, green podded pole bean; pods broad, thick, very fleshy and stringless; very prolific. Pkt., 10c.; 20c. per ½ lb.; lb., 35c.; 65c. per 2 lbs.; 5 lbs., $1.50; $2.70 per 10 lbs.; 25 lbs., $5.75.

Scarlet Runner. While used principally for its flowering qualities, this makes a splendid Winter shell bean. The bright red flowers are an attraction when the vine is used for covering arbors, trellises, fences, etc. Pkt., 10c.; 20c. per ½ lb.; lb., 35c.; 65c. per 2 lbs.; 5 lbs., $1.50.

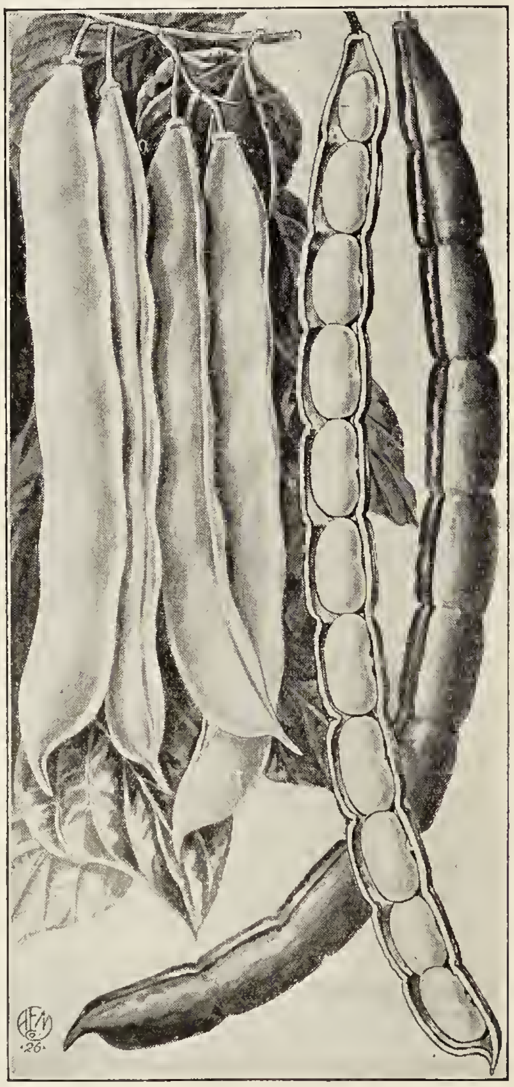
YELLOW-PODDED VARIETIES

Golden Cluster Wax. Deep yellow, flat pods, frequently 8 inches long; quite stringless and matures in about 85 days. A heavy yielder, the pods being borne in large clusters. One of the best of the pole beans and a splendid variety for the home garden. Pkt., 10c.; 25c. per ½ lb.; lb., 40c.; 75c. per 2 lbs.; 5 lbs., $1.65; $3.00 per 10 lbs.; 25 lbs., $6.50.

Kentucky Wonder Wax. A very prolific sort, producing long, thick and almost straight pods, which are of a light yellow color and of excellent quality. Pkt., 10c.; 20c. per ½ lb.; lb., 35c.; 65c. per 2 lbs.; 5 lbs., $1.50; $2.70 per 10 lbs.; 25 lbs., $5.75.

SEMESAN

Disinfection of bean seeds by dusting with Semesan destroys surface-borne seed diseases and increases stand and yield. See page 80.



Golden Cluster *Kentucky Wonder*

MICHELL'S LIMA BEANS

Haricots a rames (Fr.); Stangenbohnen (Ger.); Fagiuoli di Lima (Ital.)

Prices quoted on Beans are prepaid in quantities up to 5 lbs., to the first and second zones; for other zones, see parcel post table on page 1. Larger quantities shipped at purchaser's expense.

POLE VARIETIES

2 pounds will plant 100 hills; 25 to 30 pounds per acre.

Plant when all danger of frost or cold nights is over with the eye of the bean down. Put a liberal number in a hill, as this is cheaper than replanting. When up and established, thin out to 3 or 4 plants in a hill. The poles should be set as soon as the garden is made, in rows about 3 feet apart, with the poles about 3 feet apart in the row.

It is a good plan to put a small shovelful of well-rotted cow manure in each hill when the poles are set, so the beans when started will make rapid growth and mature early.

Carpinteria. A variety that retains its green color in all stages of growth, even after being dried; with this it combines wonderful prolificness, flavor and size; a good early variety; 4 to 5 beans in a pod. Pkt., 10c.; 20c. per ½ lb.; lb., 35c.; 65c. per 2 lbs.; 5 lbs. $1.50; $2.70 per 10 lbs.; 25 lbs., $5.75.

Challenger or Dreer's Improved. Although somewhat smaller than other limas, it is very early, prolific and of delicious flavor. Pkt., 10c.; 25c. per ½ lb.; lb., 40c.; 75c. per 2 lbs.; 5 lbs., $1.65; $3.00 per 10 lbs.; 25 lbs., $6.75.

Giant Podded. Produces a heavy, stocky vine, well filled with gigantic pods, in clusters, nice sized white beans. Pkt., 10c.; 25c. per ½ lb.; lb., 40c.; 75c. per 2 lbs.; 5 lbs., $1.65; $3.00 per 10 lbs.; 25 lbs., $6.50.

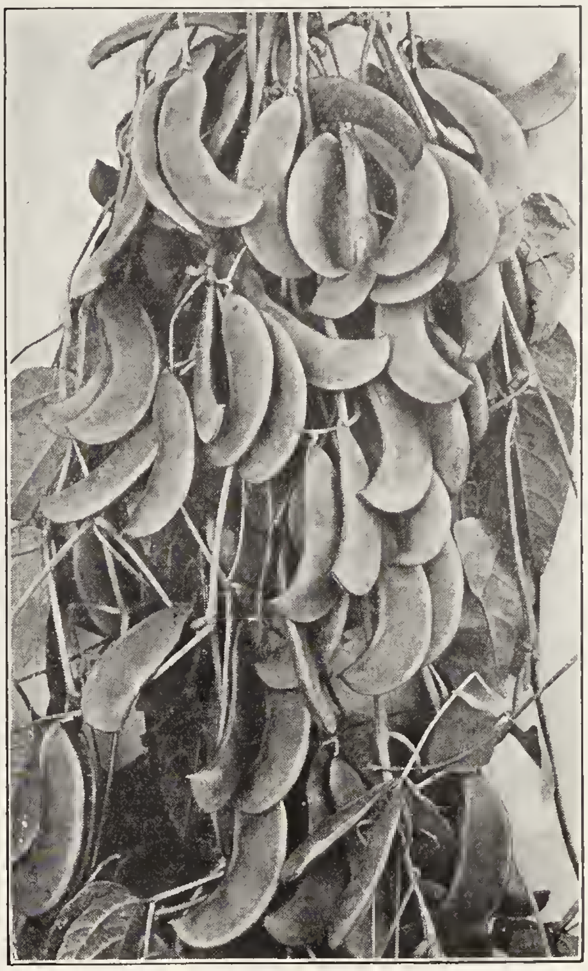
King of the Garden. An old-time favorite, but still popular with the amateur as well as the market gardener; of sturdy growth, exceedingly productive and of good flavor. Pkt., 10c.; 25c. per ½ lb.; lb., 40c.; 75c. per 2 lbs.; 5 lbs., $1.65; $3.00 per 10 lbs.; 25 lbs., $6.50.

Michell's Evergreen. Any one wishing an exceptionally early pole lima should plant this one. It is remarkable for its productiveness and good flavor; continues bearing until frost. Pkt., 10c.; 25c. per ½ lb.; lb., 40c.; 2 lbs., 75c.; $1.65 per 5 lbs.; 10 lbs., $3.00; $6.50 per 25 lbs.

Carolina or Sieva. Small flat beans of splendid quality; heavy yielder. Pkt., 10c.; 20c. per ½ lb.; lb., 35c.; 65c. per 2 lbs.; 5 lbs., $1.50; $2.70 per 10 lbs.; 25 lbs., $5.75.

Cedar Bean Poles (*Pointed*). Extra selected quality, about 10 feet long. 12 for $2.25; 25 for $4.00; 50 for $7.75; $15.00 per 100.

See page 51 for complete collections of Vegetable Seeds.



Michell's Evergreen Lima

BUSH OR DWARF VARIETIES

One pound will plant 50 feet of row.

Bush Limas should be planted for early crops, as they come into bearing much sooner, although they are not so prolific as the pole varieties. They are usually planted in rows about 3 feet apart, while the beans are put in hills about 2 feet apart, about 3 beans to the hill.

Burpee's Improved Bush Lima. A great improvement over the old strain of Burpee's Bush Lima; the bean is thicker, sweeter, and more prolific. Pkt., 10c.; 25c. per ½ lb.; lb., 40c.; 75c. per 2 lbs.; 5 lbs., $1.65; $3.00 per 10 lbs.; 25 lbs., $6.50.

Fordhook. This is the best type of bush lima in cultivation; of distinct upright vigorous growth; pods are borne in clusters well above the ground and frequently contain as many as 4 thick luscious beans. It matures very early and continues in bearing till frost. Pkt., 10c.; 25c. per ½ lb.; lb., 40c.; 75c. per 2 lbs.; 5 lbs., $1.65; $3.00 per 10 lbs.; 25 lbs., $6.50.

Hendersons. A dwarf, compact growing variety, with large clusters of pods, containing very small flat beans; a favorite sort for canning, but cannot be recommended for flavor. Pkt., 10c.; 20c. per ½ lb.; lb., 35c.; 65c. per 2 lbs.; 5 lbs., $1.50; $2.70 per 10 lbs.; 25 lbs., $5.75.

McCrea's Bush Lima. Something new in a Bush Lima. An ideal sort for the home garden and fine for canning, as the beans retain a green color and fine flavor. For illustration and full description see page 49. Pkt., 15c.; 30c. per ½ lb.; lb., 50c.; 95c. per 2 lbs.; 5 lbs., $2.25.

Wilson's Improved. Claimed to be two weeks earlier than Burpee's Improved Bush Lima; it also is much more prolific, though the pod nor the bean is quite as large. Pkt., 10c.; 25c. per ½ lb.; lb., 40c.; 75c. per 2 lbs.; 5 lbs., $1.65; $3.00 per 10 lbs.; 25 lbs., $6.50.

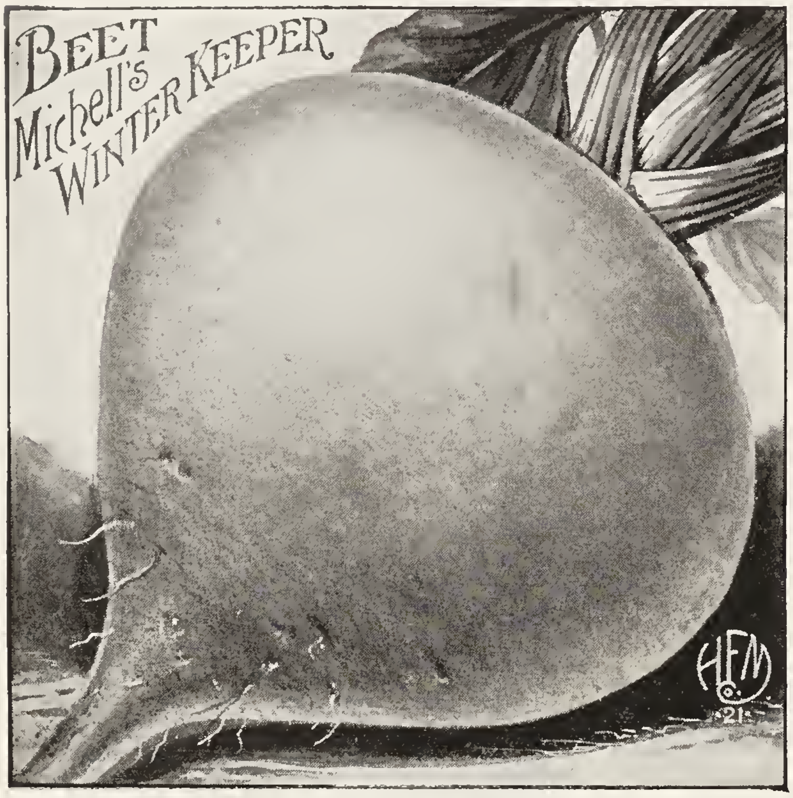
NITROGEN BACTERIA FOR BEANS

Stimugerm. If you want your bean patch to yield earlier and better, inoculate the seed before planting with nitrogen bacteria. See page 80. When ordering, be sure and specify wanted for garden beans, as each leguminous crop requires a separate culture.

MICHELL'S CHOICE BEET SEED

Betterave (Fr.); Salatrube (Ger.); Barbabietola (Ital.). One ounce will sow a row 50 ft. long; 5 lbs. per acre.

Sow in drills one foot apart and one inch deep, as early as the ground can be worked; when the plants are large enough thin out to stand four inches apart in the row. For an early crop in hotbeds the seed should be sown in early March, while for a winter supply sow about July 10th outdoors.



Bassano Extra Early. A flat variety; flesh white and rose colored. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; $1.00 per lb.

Bastian's Half Long Blood. Used extensively for Winter use. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; $1.00 per lb.

Crimson Globe. Almost round in shape, a rich deep red color; has a distinct delicious flavor and is very tender. Pkt. 10c.; 15c. per oz.; ¼ lb., 35c.; $1.00 per lb.

Crosby's Egyptian (*Usual Strain*). Especially desirable on account of its rich blood-red color throughout. An early variety and one of the best all around table beets. Pkt., 10c.; 15c per oz.; ¼ lb., 35c.; $1.00 per lb.

Crosby's Egyptian (*Special Strain*). A special selection of the usual strain; repeated tests have proven it to be a darker red and much earlier. Pkt., 15c.; 20c. per oz.; ¼ lb., 45c.; $1.20 per lb.

Detroit Dark Red (*Michell's Special Strain*). The seed of this variety is a careful re-selection from the choicest, most uniform roots; it will be found superior to the usual type of Detroit Beet. Pkt., 15c.; 20c. per oz.: ¼ lb., 45c.; $1.25 per lb.

Detroit Dark Red (*Usual Strain*). Pkt., 10c.; 15c. per oz.; ¼ lb., 40c.; $1.10 per lb.

Early Wonder. An extra early variety; globe shaped; flesh deep blood red and very tender. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; $1.00 per lb.

Good for All. A new addition to the beet family. A fine variety, maturing nearly as early as Crosby's Egyptian; suitable for table or canning when half grown. Dark red inside and out; uniform in size and shape, which is almost globular; medium sized top. See illustration page 48. Pkt., 15c.; 20c. per oz.; ¼ lb., 45c.; $1.25 per lb.

Lentz Early. Fine for sowing in hotbeds and outdoors early; inside color red, with zone of lighter shades. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; $1.00 per lb.

Michell's Ideal. A splendid turnip-shaped beet of rich, blood-red color; fine grained and very tender. Pkt., 10c.; 15c. per oz.; ¼ lb., 40c.; $1.10 per lb.

Michell's Winter Keeper. Globe shaped; rich red, tender and sweet; one of the best Winter varieties. Pkt., 10c.; 20c. per oz.; ¼ lb., 45c.; $1.25 per lb.

Prices of all seeds on this page include mailing charges

MANGEL-WURZEL

Sow 5 lbs. per acre in April and May in thoroughly plowed well-manured soil, in drills about 24 inches apart. Thin out to 12 inches apart in the row and keep the weeds down by frequent hoeing and cultivating. Low ground is best adapted for Mangel-Wurzels. They provide excellent Winter food for cattle, sheep, hogs and poultry.

Golden Tankard. The best long yellow mangel in cultivation. Matures earlier than other large sorts. Per oz., 10c.; 25c. per ¼ lb.; lb., 75c.; $3.50 per 5 lbs.; 10 lbs., $6.50.

Lane's Improved White Sugar. This variety attains an enormous size, growing considerably above the ground; one of the best for stock feeding. Per oz., 10c.; 25c. per ¼ lb.; lb., 75c.; $3.50 per 5 lbs.; $6.50 per 10 lbs.

Mammoth Long Red. An enormously productive variety, yielding from 50 to 75 tons to the acre, a single root often weighing from 20 to 40 pounds; the best long red mangel. Per oz., 10c.; 25c. per ¼ lb.; lb., 75c.; $3.50 per 5 lbs.; $6.50 per 10 lbs.

SWISS CHARD (Spinach Beet)

Poireau (Fr.); Mangold Kohl (Ger.); Bieta (Ital.)

1 oz. will sow a row about 50 feet long

Readily grown from seed, when it can be used five weeks after sowing and is a continuous crop until killed by frost. The plant is cultivated for the leaves which are used for greens; the outer leaves only should be carefully pulled from the plant and the foliage part separated from the rib in preparing to cook. The former when cooked is served like spinach, which it resembles in taste; the ribs when boiled and served with melted butter are the equal of the finest asparagus.

Dark Green Curled. Large, dark green leaves with silvery white stem; tender and of fine flavor. Pkt., 10c.; 15c. per oz.; ¼ lb., 45c.; $1.10 per lb.

Giant Lucullus. Very tall growing; crinkly leaves often two feet long; a beautiful ornamental plant for any garden. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; $1.00 per lb.

BORAGE (Herb)

Leaves used as a salad. Pkt., 10c.; 35c. per oz.

Dark Green Curled Swiss Chard

Dust seed with Semesan or soak in Liquid Semesan to control seed diseases (wn)

Early Green Calabrese Broccoli

BROCCOLI

Broccoli (Fr.); Sparkelkohl (Ger.); Broculi (Ital.).

One ounce will produce 3000 plants.

A vegetable resembling cauliflower and often grown where the latter does not thrive. Cultural method is much the same.

Early Green Calabrese. This is the variety so much sought by the Italian trade and has become quite popular in our American gardens; forms a fair size green head; after this is cut from main stalk, new sprouts develop, which form small heads of a looser nature. Pkt., 10c.; 25c. per ½ oz.; oz., 40c.; $1.25 per ¼ lb.

Rapa or 40 Day. A very early type of sprouting Broccoli, producing many small heads; the seed is usually broadcasted thickly; cut when about 10 to 12 inches high, just before the heads burst into bloom. Suitable for early spring or fall sowing. A very fine green. Pkt., 10c.; 15c. per oz.; ¼ lb., 40c.; $1.25 per lb.

White Cape. Pkt., 10c.; 35c. per oz.; ¼ lb., $1.00.

BRUSSELS SPROUTS

Chou de Bruxelles (Fr.); Rosekohl (Ger.); Berza de Brussels (Ital.)

One ounce will produce about 3000 plants

Sow seed about May 15th; transplant when about 4 inches high in rows 3 feet apart, 2 feet apart in the row. When heads begin to crowd, the lower leaves should be broken from the stem of the plant to give them plenty of room. They are best for cooking after they have had a slight frost.

Michell's Mammoth Fancy. We have an exceptionally fine strain of these sprouts recommended by an old time gardener who has been improving them from year to year; a compact, dwarf type; stems covered with fancy, solid sprouts. Pkt., 15c.; 35c. per oz.; ¼ lb., 90c.

Long Island Half Dwarf. Compact heads; very productive. Pkt., 10c.; 25c. per oz.; ¼ lb., 75c.

Matchless Improved. Pkt., 10c.; 25c. per oz.; ¼ lb., 75c.

BRUSSELS SPROUTS PLANTS (Ready in July)
25 for 30c. (by parcel post, 40c.); $1.00 per 100 (by parcel post, $1.15); per 1000, $6.50.

CARAWAY (Herb)

For flavoring, etc. Pkt., 10c.; 25c. per oz.

CARDOON

Large Solid. A tall growing variety; stalks thick and broad; leaves when blanched like celery and cooked are tender and of delicious flavor. Pkt., 10c.; oz., 35c.; $1.25 per ¼ lb.

CATNIP (Herb)

For making tea; a cat tonic, etc. Pkt., 20c.

MICHELL'S CHOICE CARROT SEEDS

Carotte (Fr.); Mohruben (Ger.); Carota (Ital.). One ounce will sow 100 ft. of drill; 3 to 4 lbs. per acre.

For an early crop sow as soon as danger from frost is over in rows 1 foot apart; when 2 inches high, thin out to stand 2 inches apart in the row. For a late crop sow in May or June. The long sorts should be sown early; the half-long and round sorts can be sown later.

California Bunching. The roots at full maturity are almost cylindrical and reach a size of 1 to 1½ inches in diameter and about 8 inches long; smooth and free from side shoots; color red and of fine quality. Pkt., 10c.; 20c. per oz.; ¼ lb., 60c.; $2.00 per lb.

Chantenay Half Long (*Usual Strain*). Orange scarlet color; very productive; especially desirable for market or home use; flesh tender, and fine grained; 5 inches long, stump-rooted. Pkt., 10c.; 15c. per oz.; ¼ lb., 40c.; $1.25 per lb.

Chantenay Half Long (*Special Strain*). Selected for earliness and uniformity; its tenderness and fine flavor have proven it a superior stock. Pkt., 10c.; 20c. per oz.; ¼ lb., 50c.; $1.50 per lb.

Coreless, or Nantes Half Long. One of the finest medium sized varieties; blunt pointed, smooth; bright orange in color, excellent quality. Pkt., 10c.; 20c. per oz.; ¼ lb., 50c.; $1.50 per lb.

Danvers Half Long. The best variety for general crop; rich orange color; heavy yielder and splendid keeper; a first-class carrot for all soils and valuable both for table and stock; 6 to 7 inches long, stump-rooted. Pkt., 10c.; 15c. per oz.; ¼ lb., 40c.; $1.25 per lb.

Early Scarlet Horn. A favorite early red variety; fine grain and good flavor; stump-rooted, about 6 inches long; ideal for soups. Pkt., 10c.; 15c. per oz.; ¼ lb., 40c.; $1.25 per lb.

Guerande or Oxheart. A desirable variety on soils too hard and stiff for the longer growing sorts, as it is not over 3 to 4 inches long. Rich orange color and fine flavored. Pkt., 10c.; 15c. per oz.; ¼ lb., 40c.; $1.25 per lb.

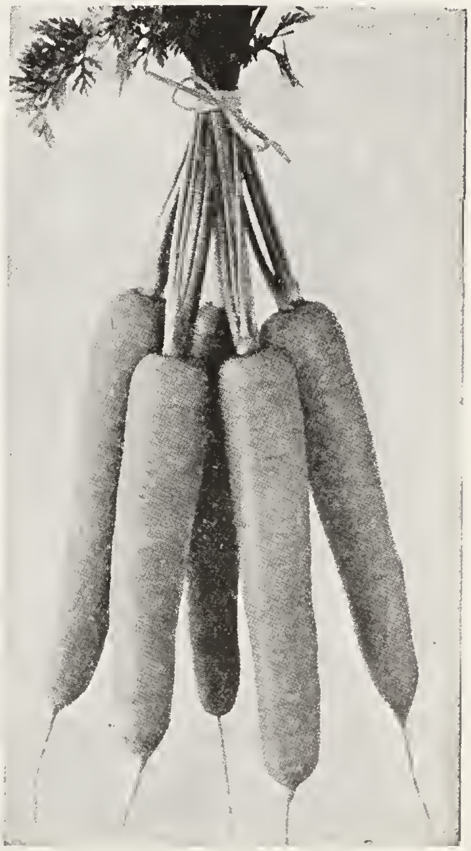
Improved Long Orange. Deep orange color; 10 inches long; yields heavily; fair table quality; best for stock feeding. Pkt., 10c.; 15c. per oz.; ¼ lb., 40c.; $1.25 per lb.

Rubicon Half Long. One of the best in shape; deep orange red flesh of finest quality; stump-rooted; earlier than the Danvers and not quite so long; well adapted for early forcing and for growing outside. Pkt., 10c.; 15c. per oz.; ¼ lb., 40c.; $1.25 per lb.

Very Early Short Horn or French Forcing. An early forcing variety; small round root, not much larger than a radish. It may be sown outdoors as well as under glass. Pkt., 10c.; 20c. per oz.; ¼ lb., 50c.; $1.50 per lb.

White Belgian. Used principally for stock, not being desirable for table; produces a long thick white root. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; $1.00 per lb.

All seeds on this page mailed post free at prices quoted.



California Bunching Carrot

A complete list of Herb Seeds will be found on page 78 (wn)

MICHELL'S CHOICE CABBAGE SEED

Chou pomme (Fr.); Kopf Kohl (Ger.); Cavolo Cappuccio (Ital.)

One ounce will produce about 3000 plants; 4 ounces will produce enough for an acre.

Our strains are the very best to be had, selected from specimen heads in well rogued fields. Sow seeds of the early varieties in February in hotbeds and transplant latter part of April or early in May to open ground, or an early sowing in open ground can be made as soon as weather will permit. Set the plants in rows 2 feet apart and 12 to 18 inches apart in the row. The second early varieties sow in April and transplant in May; late varieties, sow in May and transplant in July, setting plants in rows 3 feet apart and 2 feet in rows. Never plant cabbage in the same location two years in succession.

All seeds on this page mailed postage free.

EARLY VARIETIES

All Head. The largest of the early cabbages. Head roundish flat and remarkably solid; excellent for Winter as well as early Spring. Pkt., 10c.; 25c. per oz.; ¼ lb., 70c.

Babyhead. An excellent variety, characterized especially by its extreme earliness and the small size of the head, which is usually less than six inches across, round, firm and of splendid cooking quality; has a short stem and few small outer leaves; plants may be set as close as 8 to 10 inches apart. It is an ideal variety for growing under glass and early open ground planting. Pkt., 15c.; 25c. per ½ oz.; oz., 40c.; $1.35 per ¼ lb.

Charleston or Large Wakefield. Similar to the Early Wakefield, but the heads are more blunt, equally as solid, grows almost twice the size and matures one week later. Pkt., 10c.; 30c. per oz.; ¼ lb., 80c.

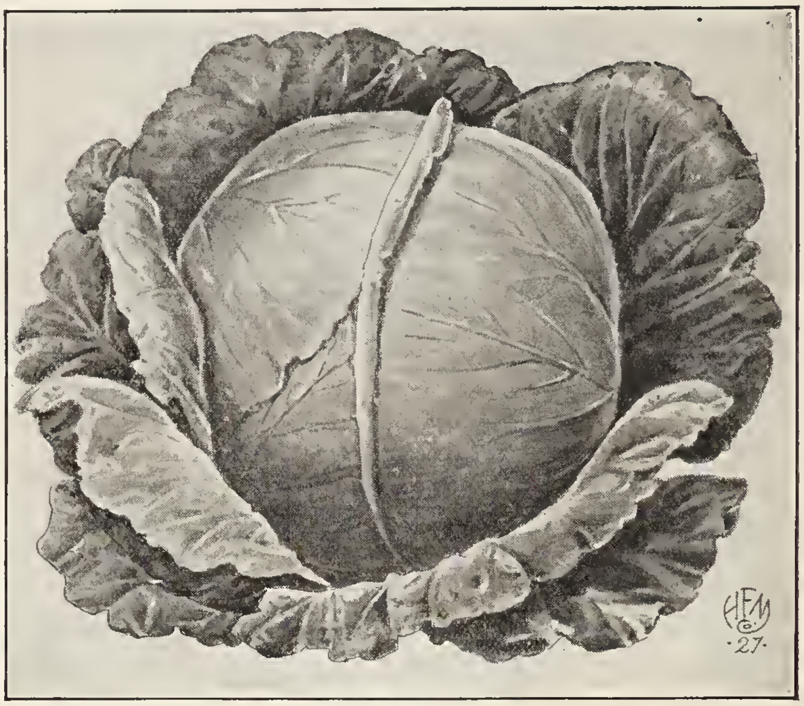
Copenhagen Market. An early, round-headed variety, following the Golden Acre. The heads frequently weigh as much as 10 lbs. Our stock is imported and the best the market affords. Pkt., 10c.; 30c. per oz.; ¼ lb., 80c.

Extra Early Jersey Wakefield. One of the finest types of early cabbage; produces uniform pointed heads. The outer leaves form a protection for the heads, which enables it to be set out earlier than other sorts. Pkt., 10c.; 20c. per ½ oz.; oz., 35c.; $1.00 per ¼ lb.

Golden Acre. Early, solid and uniform, a new acquisition to the cabbage family; the plant is dwarf in habit; heads medium size averaging 5 lbs., round, solid and grows but few outer leaves; suitable for close planting. Follows the Babyhead in earliness yet ten days earlier than Copenhagen Market. Pkt., 10c.; 20c. per ½ oz.; oz., 35c.; $1.00 per ¼ lb.

Henderson's Early Summer. Heads of medium size, roundish-flat and solid. A fine variety for following the early types. Pkt., 10c.; 25c. per oz.; ¼ lb., 70c.

Chinese or Celery Cabbage, Wong Bok



Golden Acre Cabbage

LATE OR WINTER VARIETIES

All Seasons (*Vandergaw*). A very large head, round and solid. Valuable for late Summer or Winter use. Pkt., 10c.; 25c. per oz.; ¼ lb., 70c.

Danish Ball Head. This excellent variety is unequalled for its keeping qualities, massiveness and weight. For boiling, cole slaw, sauer kraut, etc., it is ideal, being crisp, tender and sweet. Does well under most any condition of moisture or drought. Pkt., 10c.; 20c. per ½ oz.; oz., 35c.; $1.00 per ¼ lb.

Danish Roundhead (*Short Stem*). Heads are exceptionally hard; excellent for sauer kraut as well as for Winter storing. Pkt., 10c.; 20c. per ½ oz.; oz., 35c.; $1.00 per ¼ lb.

Late Flat Dutch. This has been selected especially for our trade, the seed being taken from the finest types of heads which are selected for solidity and uniformity. Heads large and quality unsurpassed. Pkt., 10c.; 20c. per ½ oz.; oz., 35c.; $1.00 per ¼ lb.

Mammoth Red Rock. An excellent red variety; good Winter keeper; heads globe shape, slightly flattened; very hard. Pkt., 10c.; 20c. per ½ oz.; oz., 35c.; $1.00 per ¼ lb.

Perfection Drumhead Savoy. A beautiful crimped-leaved sort; color, deep glossy green; heads almost round. Savoy cabbage is distinctly flavored, being much sweeter than the other kinds. Pkt., 10c.; 20c. per ½ oz.; oz., 35c.; $1.00 per ¼ lb.

Red Dutch. A red variety, used extensively for pickling. For cole slaw it has merits over the white kinds. It is principally used for Winter, keeping well until Spring. Pkt., 10c.; 20c. per ½ oz.; oz., 35c.; $1.00 per ¼ lb.

CHINESE OR CELERY CABBAGE

This is a native of China and distinct from other cabbage; it grows like Romaine lettuce and makes an elegant salad, with a delightful flavor. Seed should be sown the latter part of July, in rows 2½ feet apart and the plants thinned out to 18 to 20 inches in the rows; if sown too early the heat causes it to run to seed. The heads mature in 8 to 10 weeks.

Pe Tsai. This resembles in appearance and growth a head of Romaine lettuce; heads are firm; grows somewhat taller than Wong Bok, but not as thick through. Pkt., 10c.; 20c. per ½ oz.; oz., 35c.; $1.00 per ¼ lb.

Wong Bok. Does not grow quite as tall as Pe Tsai, but is thicker through; heads are elongated, self-folding and require no blanching. Pkt., 10c.; 20c. per ½ oz.; oz., 35c.; $1.00 per ¼ lb.

CABBAGE PLANTS

		100	By P.P.	1000
Early Sorts.	Hotbed grown	$0.75	$0.85	$6.50
Early Sorts.	Cold-frame grown	1.00	1.10	8.50
Late Sorts.	Field grown	.75	.85	5.50

See page 79 for complete list of Vegetable Plants and Roots

MICHELL'S CAULIFLOWER SEEDS

Choux Fleurs (Fr.); Blumenkohl (Ger.); Cavol Fiora (Ital.)

One ounce of seed will produce about 3000 plants

Sow seed in hotbeds or window boxes in February or March and transplant in cold frames. When hard frosts are over, plant outdoors. For second crop, sow in April and set out in May. For late crop, sow in June and set out in July. Plants should be set in rows 3 feet apart, 2 feet apart in the row.

Danish Giant, or Dry Weather. An ideal variety for Summer use; stands drought and heat better than other sorts; heads snow white and of enormous size; later than other sorts. Pkt., 25c.; 50c. per large pkt.; ¼ oz., $1.25; $2.00 per ½ oz.; oz., $3.50.

Early Snowball. For either forcing under glass in cold frames or outdoor Spring planting; produces magnificent medium size white heads. Pkt., 25c.; 50c. per large pkt.; ¼ oz., $1.25; $2.00 per ½ oz.; oz., $3.50.

Half Early Paris. A small head; suited to growing outdoors only. Pkt., 15c.; 85c. per ½ oz.; oz., $1.50.

Michell's Earliest Snowstorm. Colossal heads of purest white, averaging often 10 inches in diameter; especially desirable for its earliness under glass, but does equally well in late Spring, Summer, or Autumn outdoors. Pkt., 25c.; 50c. per large pkt.; ¼ oz., $1.50; $2.50 per ½ oz.; oz., $4.00.

Early Selected Erfurt. One of the earliest varieties; produces medium sized heads. Pkt., 20c.; 45c. per large pkt.; ¼ oz., $1.00; $1.75 per ½ oz.; oz., $3.00.

Veitch's Autumn Giant. A very desirable, large late variety. Pkt., 10c.; 45c. per ½ oz.; oz., 65c.; $1.75 per ¼ lb.

CAULIFLOWER PLANTS (Ready April 1st)

Snowball variety only. Pot-grown plants. 10c. each; doz., $1.00; $6.00 per 100. Not mailable.

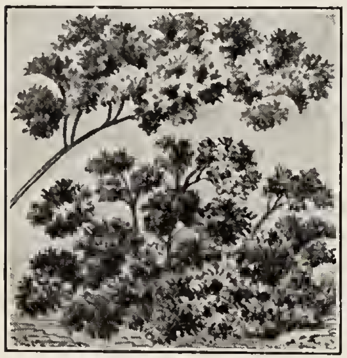
CHAMOMILE (Herb)

Has medicinal qualities. Pkt., 15c.; 35c. per ½ oz.; per oz., 60c.

CHERVIL

One ounce will sow a row 50 feet long

An aromatic plant used extensively in Europe as a salad garnishing and seasoner. Sow in rows like parsley, which it somewhat resembles. For a continuous crop, sow every two weeks; if one has heated frames or a greenhouse it can be sown under glass all Winter or in hotbeds in February. It can be cut 4 to 5 weeks after sowing.



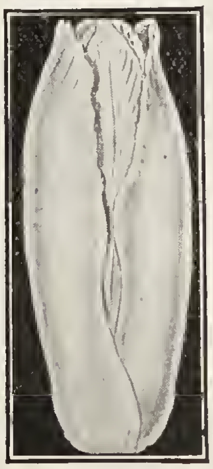
Double Curled Chervil

Double Curled. Pkt., 10c.; 25c. per oz.; ¼ lb., 85c.

CHICORY

One ounce will sow a row 100 feet long

Witloof or French Endive. The roots are easily produced from seed, sown in May or June, in rows 12 inches apart; thin out the plants to 2 or 3 inches. They are taken up after a few hard frosts and cared for the same as Turnips or similar crops. Used only as a Winter vegetable, the top part only being edible. Plant under a bench in the greenhouse or a light, dry, warm portion of a cellar in a bed of rich garden soil 12 inches deep. Place about 6 inches apart each way. The top growth remains intact, and may be cut any time after 5 inches growth. Roots should be set in the soil the same depth as they were originally in the garden. A continuous supply of this delicious Winter vegetable can be had all Winter. A cold frame makes also an ideal place for forcing them in the late Winter or early Spring months. Pkt., 10c ; 25c per oz.; ¼ lb., 65c.; $2.25 per lb.



Witloof

NOTE—All seeds on this page sent postpaid at quoted prices.

Michell's Earliest Snowstorm Cauliflower

CAULIFLOWER AND BROCCOLI CULTURE
By Bouquet
128 pages
Price, $1.25

CHIVES (Schnittlauch)

Indispensable for flavoring certain dishes, imparting a mild taste of onion. The plants are hardy and will last for years; don't cut the plant too close when gathering. For Winter use, lift and plant in a pot or box and place in a sunny window in the kitchen.

Seed. Pkt., 15c.; 40c. per ½ oz.; oz., 75c.

Strong Plants. 20c. each; doz., $2.00; $12.00 per 100.

CITRON

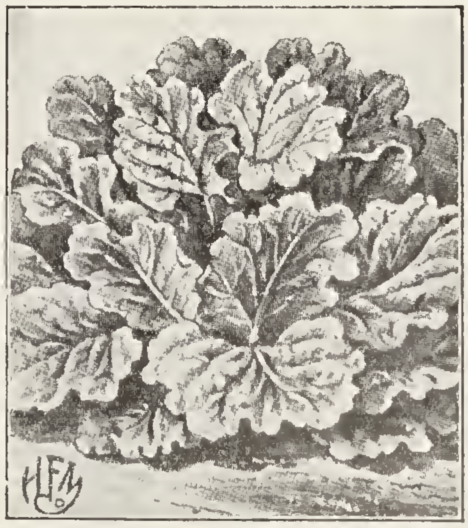
This will be found described under the heading of melons. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; $1.00 per lb.

COLLARDS

One ounce of seed will produce 3000 plants

These are extensively grown in the South and used as greens during the Winter months. In that latitude the plant is practically hardy; the lower leaves are pulled off and used, when new ones then form on the upper part of the stem, which increases in height. Planted much like cabbage.

Georgia or Southern. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; 85c. per lb.



Collards

CORIANDER (Herb)

For flavoring, etc. Pkt., 10c.; 25c. per oz.

Dust seed with Semesan or soak in Liquid Semesan to control seed diseases

MICHELL'S CHOICE CELERY

Celeri (Fr.); Sellerie (Ger.); Sedano (Ital.)

One ounce of seed will produce 3000 to 5000 plants; half pound is sufficient for one acre.

Sow in hotbeds in March or in open ground in April. See that no weeds infest the seed bed; when 3 inches high transplant in a bed outdoors in rows 3 inches apart each way; let them remain there until July when they should be planted where they are to mature, in rows 3 feet apart, 6 inches apart in the row. Celery Plants if topped a few times before and when transplanted into their permanent growing place will make shorter, stockier plants. **Seeds offered on this page mailed postpaid at quoted prices.**

Golden Plume Celery (Special Strain)

EARLY VARIETIES

Easy Blanching (*Penna. Grown, Special Strain*). A very much improved type. Flavor delicious, stalk very large and fine grained. Plants set out in June are fully matured and ready for use the early part of September. The seed is grown for us by one of the leading Market Gardeners of Penna. Pkt., 15c.; 60c. per ½ oz.; oz., $1.10; $3.75 per ¼ lb.

Easy Blanching (*Usual Strain*). A splendid early variety, being ready in October; enormous stalks which are very crisp. Pkt., 10c.; 25c. per ½ oz.; oz., 45c.; $1.40 per ¼ lb.

Golden Plume (*Usual Strain*). Matures very early, blanches very quickly, of finest flavor and without strings; crisp and tender. Pkt., 10c.; 35c. per ½ oz.; oz., 60c.; $1.60 per ¼ lb.

Golden Plume (*Special Strain*). This strain has proven worthy of especial mention, as to earliness, type and general appearance, in other words it is perfection; a trial will convince you. Pkt., 20c.; 70c. per ½ oz.; oz., $1.25; $4.25 per ¼ lb.

Golden Self Blanching (*French Grown Seed*). One of the earliest and most productive sorts. The beautiful golden-colored stalks attain a height of 18 inches, which are never pithy and of excellent flavor; ready in October, but may be kept for early Winter use. Pkt., 15c.; 45c. per ½ oz.; oz., 85c.; $3.00 per ¼ lb.

Golden Self Blanching (*American Grown Seed*). Pkt., 10c.; 25c. per ½ oz.; oz., 45c.; $1.40 per ¼ lb.

Pink Plume. A very solid, crisp, desirable sort; the stalks when blanched are a beautiful rose-pink. Pkt., 15c.; 40c. per ½ oz.; oz., 65c.; $2.25 per ¼ lb.

White Plume. The standard early celery for market and the home garden. The stalks and heart blanch very quickly to almost a pure white; very crisp and brittle; can be used early in November. Pkt., 10c.; 20c. per ½ oz.; oz., 35c.; 85c. per ¼ lb.

LATE WINTER VARIETIES

Emperor. Dwarf growing; very brittle and of extra fine flavor; a good Winter keeper. Pkt., 10c.; 25c. per ½ oz.; oz., 45c.; $1.40 per ¼ lb.

Giant Pascal. This is in its prime for use during February and March, and can be used well up into Spring. Pkt., 10c.; 20c. per ½ oz.; oz., 35c.; $1.10 per ¼ lb.

Winter King. Perfectly solid, crisp and of delicious flavor; good keeper. Pkt., 10c.; 20c. per ½ oz.; oz., 35c.; $1.10 per ¼ lb.

Winter Queen. A medium tall, solid variety; will retain its qualities long through the Winter. The heart is very full and large. Pkt., 10c.; 20c. per ½ oz.; oz., 35c.; 85c. per ¼ lb.

CELERY PLANTS (Ready in July)

Leading varieties. Per 100, 60c. (by parcel post, 75c.); $5.50 per 1000.

CELERIAC

This vegetable is used for two purposes, the leaves are cut when young and used to flavor soups and meats, the roots are boiled, sliced, cooled, and served as a salad.

Giant Prague. Pkt., 10c.; oz., 35c.; 85c. per ¼ lb.

CELERY FOR FLAVORING (Not for Sowing)

¼ lb., 25c.; 85c. per lb.

CELERY PAPER

For Winter protection; 500 sq. ft. per roll. Price, $2.00 per roll.

CELERY TAPE

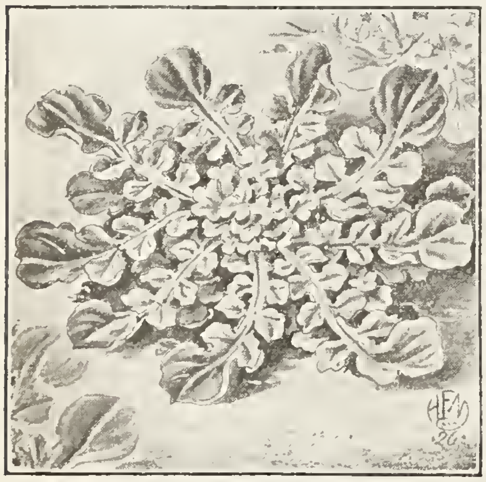
Fast red, in 1000-yard spools, $4.00 per spool (by parcel post, $4.15).
Green, in 1000-yard spools, $3.00 per spool (by parcel post, $3.15).

CORN SALAD (Fetticus)

Mache Ronde (Fr.); Ackersalat (Ger.)

This is principally sown for a supply of greens during Winter and early Spring months. Sow thinly in drills early in the Spring or during August and September; when cold weather approaches, cover with a litter of leaves or long manure or straw; upon the approach of Spring the covering can be taken off entirely.

Large Leaved, Round Seeded. Pkt., 10c.; 20c. per oz.; ¼ lb., 45c.; $1.50 per lb.



Garden Cress

GARDEN CRESS

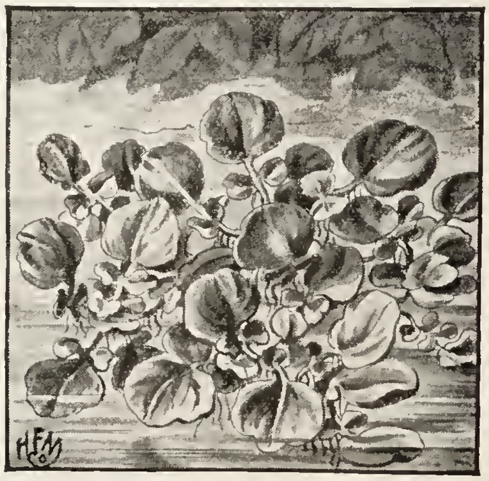
Sow thickly in early Spring in drills one foot apart and follow every two weeks, up to August 1st, with a new sowing. Its pungent taste is acceptable to most any one who is fond of garden greens. It is eaten prepared with either a little salt and vinegar, or without. Makes a very tasty salad.

Extra Curled. Pkt., 10c.; 15c. per oz.; 35c. per ¼ lb.; lb., 85c.

WATER CRESS

This may be sown early in Spring near the brink of a pond of spring water or stream of running water. Scatter the seed and it will sprout and grow with wondrous rapidity; once established, it remains for years, reseeding itself.

True Erfurt. Pkt., 10c.; 20c. per ½ oz.; oz. 35c.; $1.25 per ¼ lb.



Water Cress

MICHELL'S SELECTED SUGAR CORN

Mais (Fr.); Welschkorn (Ger.); Grano Turco (Ital.)

1 lb. will plant about 150 hills; 12 to 15 lbs. will plant an acre.

Plant once a week from the time the ground is permanently warm until July 15th, 6 to 8 grains, in hills three feet apart each way, or in rows three feet apart; if the latter, thin out so the plants stand 12 inches apart; if left in hills, thin out when 4 inches high to 3 to 4 plants to the hill. Early varieties should be planted for a late crop to be sure of maturity.

Prices quoted on Sugar Corn are prepaid in quantities up to 5 lbs. to the first and second zones; for other zones, see parcel post table on page 1. Larger quantities shipped at purchasers' expense.

EARLY VARIETIES

Adams Extra Early. Pure white medium sized ears, not entirely sweet. Pkt., 10c.; 20c. per ½ lb.; lb., 30c.; 55c. per 2 lbs.; 5 lbs., $1.25; $2.20 per 10 lbs.; 25 lbs., $4.50.

Early Mayflower. Slightly earlier than Golden Bantam; ears long and well filled for an early corn; grains tender and of excellent flavor. Pkt., 10c.; 20c. per ½ lb.; lb., 35c.; 65c. per 2 lbs.; 5 lbs., $1.50; $2.70 per 10 lbs.; 25 lbs., $5.75.

Golden Bantam. While yellow in color this is one of the sweetest and earliest varieties. Ears medium size; kernels tender and delicious; we recommend it very highly for the home garden. Pkt., 10c.; 20c. per ½ lb.; lb., 35c.; 65c. per 2 lbs.; 5 lbs., $1.50; $2.70 per 10 lbs.; 25 lbs., $5.75.

Golden Cross Bantam. A new disease resistant variety. This hybrid of the Bantam type is earlier and grows larger stalks; ears 7 to 8 inches in length, with 10 to 14 rows of fair size kernels. This is the best Bantam corn developed up to the present time. Pkt., 15c.; 30c. per ½ lb.; lb., 55c; $1.00 per 2 lbs.; 5 lbs., $2.25; $4.20 per 10 lbs.

Golden Giant. Ears about 11 inches long, well filled out from butt to tip. Deep golden yellow grains. Pkt., 10c.; 20c. per ½ lb.; lb., 35c.; 65c. per 2 lbs.; 5 lbs., $1.50; $2.70 per 10 lbs.; 25 lbs., $5.75.

Golden Sunshine. Especially desirable for its extreme earliness, maturing a week or ten days before Golden Bantam; dwarfer in habit; ears 6½ inches long and contain 12 rows of broad, yellow sweet grains. Pkt., 10c.; 25c. per ½ lb.; lb., 40c.; 75c. per 2 lbs.; 5 lbs., $1.75; $3.20 per 10 lbs.; 25 lbs., $7.00.

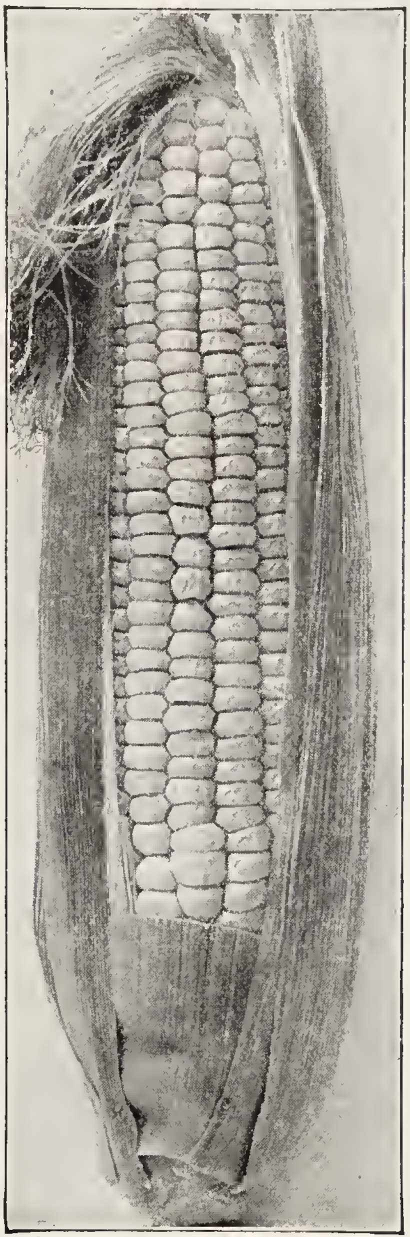
Whipple's Early Yellow. Produces a large ear of exceptional quality. A fine corn for the garden and commercial growers as well; stalks large and often producing two marketable ears, measuring 8 to 9 inches long; 14-rowed with broad deep kernels. Pkt., 10c.; 20c. per ½ lb.; lb., 35c.; 65c. per 2 lbs.; 5 lbs., $1.50; $2.70 per 10 lbs.; 25 lbs., $5.75.

MEDIUM VARIETIES

Bantam Evergreen. A yellow variety noted for its excellent qualities; much larger than Golden Bantam, claimed to be more productive and much earlier; a splendid variety for mid and late season planting. Pkt., 10c.; 20c. per ½ lb.; lb., 35c.; 65c. per 2 lbs.; 5 lbs., $1.50; $2.70 per 10 lbs.; 25 lbs., $5.75.

Black Mexican. A medium early variety; while the grains are young they cook white, as they become older it cooks a violet shade on the outside, but in either stage of growth it is desirable; ears are of medium size. Pkt., 10c.; 20c. per ½ lb.; lb., 35c.; 2 lbs., 65c.; 5 lbs., $1.50; $2.70 per 10 lbs.; 25 lbs., $5.75.

Early Evergreen. Closely allied to Stowell's in shape and flavor, but is much earlier; large well-shaped ears, with deep grains. Pkt., 10c.; 20c. per ½ lb.; lb., 35c.; 65c. per 2 lbs.; 5 lbs., $1.50; $2.70 per 10 lbs.; 25 lbs., $5.75.



Sugar Corn, Philadelphia Favorite

Howling Mob. A splendid sort for the market gardener, as well as for home use. Might be classed worm-proof, since the husk covers the ear completely. Pkt., 10c.; 20c. per ½ lb.; lb., 35c.; 65c. per 2 lbs.; 5 lbs., $1.50; $2.70 per 10 lbs.; 25 lbs., $5.75.

Kendel's Early Giant. Large ears, deep grain, well flavored and extra sweet; ears very cylindrical. An ideal sort for the first and last planting. Pkt., 10c.; 20c. per ½ lb.; lb., 35c.; 65c. per 2 lbs.; 5 lbs., $1.50; $2.70 per 10 lbs.; 25 lbs., $5.75.

Michell's Delicious. An excellent variety, stock of which has been reselected each year. The ears are well filled, medium in size and mature after the early varieties. Pkt., 10c.; 20c. per ½ lb.; lb., 35c.; 65c. per 2 lbs.; 5 lbs., $1.50; $2.70 per 10 lbs.; 25 lbs., $5.75.

Philadelphia Favorite. A grand variety of Penna. origin and marketed in Philadelphia and vicinity for a number of years. Stalks 4½ to 5 feet high and produce 2 to 3 nice ears to the stalk, averaging 8 to 9 inches in length; kernels pearly white and deliciously sweet; matures in 75 to 78 days, depending on location. Pkt., 10c.; 25c. per ½ lb.; lb., 40c.; 75c. per 2 lbs.; 5 lbs., $1.75; $3.20 per 10 lbs.; 25 lbs., $7.00.

Stabler's Extra Early. This is the standard sort for the home garden. The large ears are well arrayed with even grains, which cook pure white and are very tender. Pkt., 10c.; 20c. per ½ lb.; lb., 35c.; 65c. per 2 lbs.; 5 lbs., $1.50; $2.70 per 10 lbs.; 25 lbs., $5.75.

LATE VARIETIES

Country Gentleman. A distinct sort, with deep, fine grains which are staged irregularly on the cob. In sweetness it is unapproached; ears large; a very productive and desirable variety. Pkt., 10c.; 20c. per ½ lb.; lb., 35c.; 2 lbs., 65c.; $1.50 per 5 lbs.; 10 lbs., $2.70; $5.75 per 25 lbs.

Late Mammoth. Gigantic ears of extra fine quality, produced in great quantity. The latest maturing and largest of all sweet corns. Pkt., 10c.; 20c. per ½ lb.; lb., 35c.; 65c. per 2 lbs.; 5 lbs., $1.50; $2.70 per 10 lbs.; 25 lbs., $5.75.

Little Gem or Shoe Peg (*Ne Plus Ultra*). This variety is closely allied to Country Gentleman. Pkt., 10c.; 20c. per ½ lb.; lb., 35c.; 65c. per 2 lbs.; 5 lbs., $1.50; $2.70 per 10 lbs.; 25 lbs., $5.75.

Stowell's Evergreen. The best late corn grown. Ears extra large, and produced in abundance. In sweetness it is unexcelled. Pkt., 10c.; 20c. per ½ lb.; lb., 35c.; 65c. per 2 lbs.; 5 lbs., $1.50; $2.70 per 10 lbs.; 25 lbs., $5.75.

Popular Collection —Choicest Sugar Corn

Early Mayflower.—Early. **Howling Mob.**—Early.

Stowell's Evergreen.—Late.

Plant every two weeks, in rotation as given. Specially priced as follows: 1 pkt. of each, for 25c.; 1 lb. of each, for 90c., postpaid.

POP CORN (Shelled)

Queen's Golden. Pops white..... } Lb., 20c. (by parcel post, 30c.); 55c. for 3 lbs.
Snowflake............................ } (by parcel post, 70c.).

CORN POPPERS

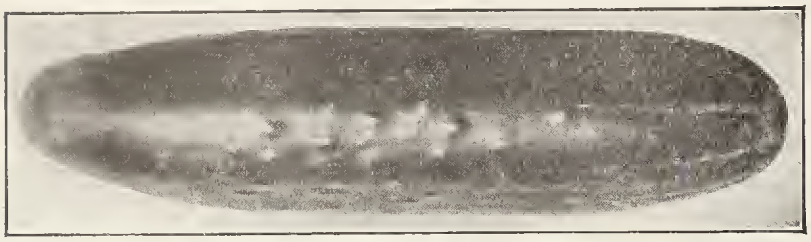
Made of the best quality wire. Price includes handle and lid. 1 qt. size, 25c. each; 2 qt. size, 50c. each.

For selected Field Corn, see page 81

MICHELL'S CUCUMBERS

Concombre (Fr.); Gurken (Ger.); Cetriolo (Ital.). One ounce of seed will plant 60 hills; 2 to 3 pounds per acre.

Plant when the ground has become thoroughly warmed, in hills 4 feet each way, 8 seeds in a hill; when the second set of leaves have formed thin out to 4 plants in a hill. A type of beetle attacks this crop occasionally, which can be conquered by spraying the vines with Arsenate of Lead; when this is used always wash the fruits thoroughly before using. If the foliage is attacked beneath, by aphis or green fly, a spraying with Black Leaf 40 is usually very effective.



Cucumber, Improved Long Green

Arlington White Spine. This variety is perfect in form, color, size and productiveness and is therefore the leading sort, not only for the home or market garden, but also with those who make a specialty of growing them under glass. Fruits smooth, deep green to the tip and measure uniformly 8 inches in length. It has few seeds, making it a valuable variety for slicing or pickling. Pkt., 10c.; 20c. per oz.; ¼ lb., 55c.

Davis Perfect. Fruits uniform in shape and size, often measuring 10 to 12 inches in length. Color dark green all over, quite smooth and very productive. Pkt., 10c.; 20c. per oz.; ¼ lb., 55c.

Early Fortune. One of the finest cucumbers of the White Spine type; medium length and dark green in color, which it holds for a long time after pickling; flesh white and very crisp. Pkt., 10c.; 20c. per oz.; ¼ lb., 55c.

Early Market. A new variety of uniform shape and size, averaging 8 inches in length, dark green; excellent for slicing. Pkt., 10c.; 25c. per oz.; ¼ lb., 65c.

Gherkin or Burr. For pickling only; the small fruits are about 2 inches long, thick, rounded form; very prickly when green. Pkt., 10c.; 30c. per oz.; ¼ lb., 85c.

DANDELION

Pissenlit (Fr.); Loewenzahn (Ger.); Dente di leone (Ital.)

A valuable vegetable, prized as the first Spring greens. The leaves are boiled and served hot or cold. Seed should be sown in Spring, in a bed where the plants should remain for the season; late in the Fall cover the bed with a movable sash, or leaves, or salt hay for protection.

Italian (*Cichoria Catalogna*). A new introduction in this country and is in great demand as a green. The main stalk produces leaves resembling the broad leaved variety, but much greater in length. It is cut and bunched same as asparagus. For illustration see page 50. Pkt., 15c.; 35c. per oz.; ¼ lb., $1.10.

Thick Leaved or Cabbaging. Pkt., 10c.; 35c. per ½ oz.; oz., 60c.; $1.85 per ¼ lb.

DILL (Herb)

Used extensively for culinary purposes and for putting with cucumbers when pickling. Pkt., 10c.; 25c. per oz.; ¼ lb., 75c.

EGG PLANT

Aubergine (Fr.); Eierpflanze (Ger.); Petonciano (Ital.)

One ounce will produce 1000 to 2000 plants

Sow seed in March in hotbeds, and when 3 inches high transplant into boxes or small pots. Plant outdoors in May or June or after the weather has become permanently warm, in rows 3 feet apart, with the plants set 2 feet apart in the row.

Black Beauty. An extra early, large variety, almost black in color, very prolific and with few seeds. Pkt., 10c.; 25c. per ½ oz.; oz., 45c.; $1.20 per ¼ lb.

New York Improved. An old standard; quite large and more elongated than the Black Beauty, with a rich purple color. Pkt., 10c.; 25c. per ½ oz.; oz., 45c.; $1.20 per ¼ lb.

EGG PLANT PLANTS

(Ready May 15)

New York Improved and Black Beauty. Pot-grown. Per doz., 75c.; $6.00 per 100. Not mailable.

Improved Long Green. A well known standard variety, used principally for slicing. Its dark color makes it desirable for market. The vines are vigorous and productive; the fruits are formed almost as early as the short sorts and average 12 inches in length. Pkt., 10c.; 25c. per oz.; ¼ lb., 65c.

Japanese Climbing. A trellis variety used for shade as well as eating purposes. The vine is very ornamental and produces extra long light green fruits in abundance. See illustration page 48. Pkt., 15c.; 35c. per oz.; ¼ lb., $1.00.

Jersey Pickle or Green Prolific. This sort can be used for slicing, but is best for pickling on account of its size, which averages 5 inches in length; makes ideal "Dill Pickles" as sold extensively in the delicatessen stores. Pkt., 10c.; 20c. per oz.; ¼ lb., 60c.

ENGLISH FORCING CUCUMBERS

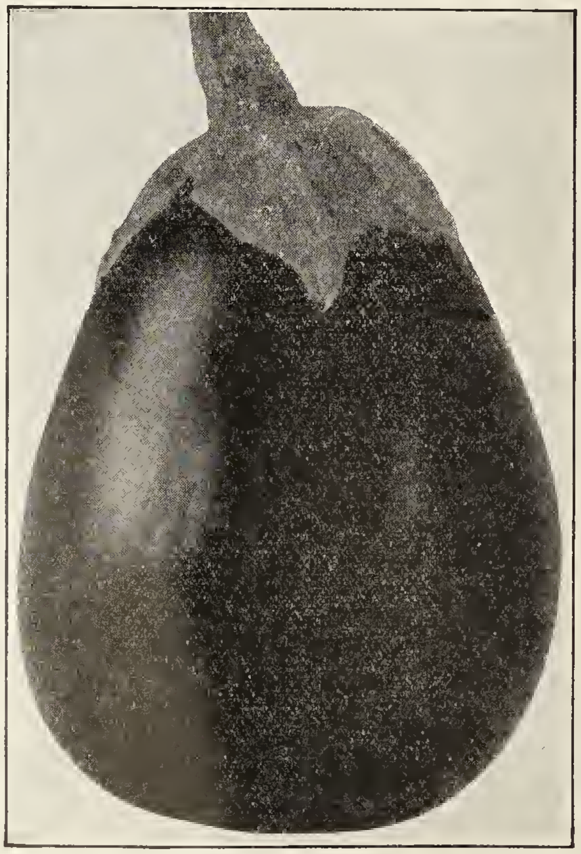
These are splendid for growing in hotbed frames during the Summer months, in preference to the open garden ground. They may also be grown under glass in greenhouses during the Winter, producing enormous fruits, generally 18 to 24 inches long and 3 inches in diameter. They have a delicate flavor and possess very few seeds; for slicing, no other sorts can approach them.

	Pkt. 10 seeds	100 Seeds
Lockie's Perfection. A favorite standard variety	$0.25	$2.25
Sion House	.25	2.25
Telegraph. Smooth fruits, 14 to 16 inches long	.25	2.25
Tender and True. Long, smooth, dark in color	.25	2.25

NOTE—All seeds on this page sent postpaid at quoted prices.

Garden Guide

A complete treatise on the garden; new edition. 576 pages; 300 illustrations. Price, $2.50.



Egg Plant, Black Beauty

ENDIVE

Chircoree (Fr.); Endivien (Ger.); Indivia (Ital.)

One ounce will sow a row of 200 feet

Sow from June to August in shallow drills; when 2 inches high thin out to 10 inches apart. When well developed, tie the plants together at the top to blanch the inner leaves, do not tie up when the leaves are wet. If the plants are protected they may be left outdoors till Christmas. If wanted for later use they may be lifted late in autumn and placed in a dry, cool cellar, covering the roots with soil.

Full Heart Batavian (*Escarolle*). Leaves broad, light green, nearly plain. Pkt., 10c.; 25c. per oz.; ¼ lb., 55c.

Giant Fringed (*Oyster Endive*). A variety with a large white heart and broad fringed leaves; heads measure 15 inches in diameter. Pkt., 10c.; 25c. per oz.; ¼ lb., 55c.

Improved Green Curled. An improvement over the common green variety, producing a larger head and thicker leaves. Pkt., 10c.; 25c. per oz.; ¼ lb., 55c.

White Curled (*Self-blanching*). This is the finest White Curled variety, always crisp and tender. Pkt., 10c.; 25c. per oz.; ¼ lb., 55c.

FENNEL (Herb)

Finnocchio, or Florence. See illustration, page 78. Pkt., 10c.; 25c. per oz.

Sweet. Pkt., 10c.; 20c. per oz.

HERBS

Complete list on page 78.

HOP VINE

Besides being used in culinary and medicinal ways, this makes a valuable shade plant. Hardy and rarely Winter kills. The hops are gathered about September and stored for use on a dry floor, or hung in bags.

Green Variety, Pot Grown Plants. 25c. each; doz., $2.50; $18.00 per 100.

HORSERADISH ROOTS

(Ready in March)

Set the roots in rows 2½ feet apart, 1½ feet apart in the row. Late in the Fall lift as many roots as you think you will use, cut off the top and place in a cool cellar, covered with soil or sand.

Maliner Kren. A quick-growing variety and far superior to the common variety. Large cuttings, 25c. per doz. (by parcel post, 35c.); per 100, $1.35 (by parcel post, $1.50); $9.00 per 1000.

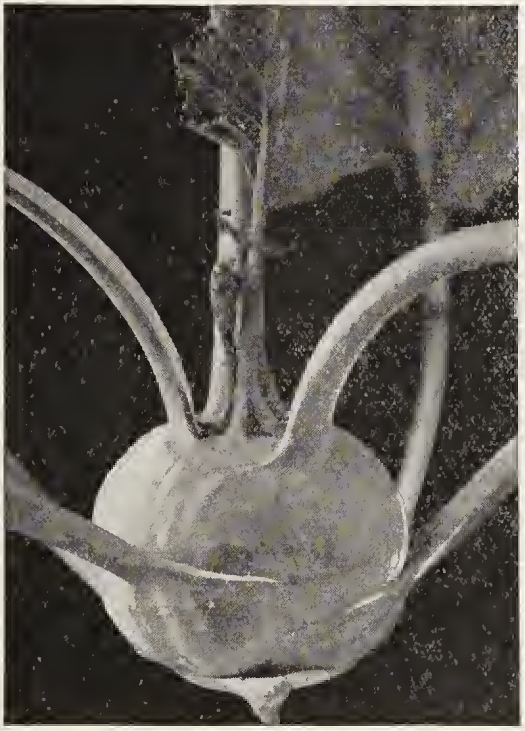
Improved Green Curled Endive

GARLIC SETS

Ail (Fr.); Knoblauch (Ger.); Aglio (Ital.)

One pound will plant 200 feet of drill.

A hardy flavoring onion, used extensively in the French method of cooking. 30c. per lb. (by parcel post, 40c.); 5 lbs. for $1.40 (by parcel post, $1.55); $2.50 per 10 lbs. (by parcel post, $2.70).



Kohl-Rabi

KOHL-RABI

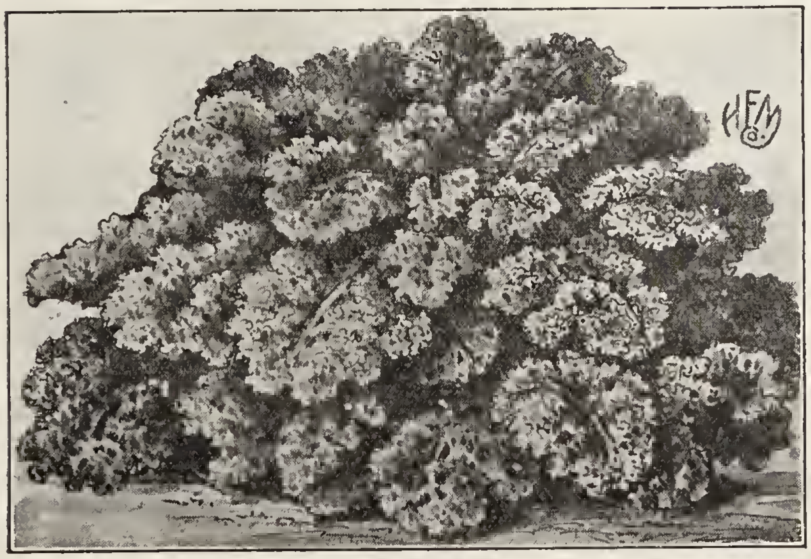
Chou Rave (Fr.); Kohl Rabi (Ger.); Cavolo rapa (Ital.)

One ounce will sow about 200 feet of drill

We would suggest to those who have not given this a trial that they do so. Sow seed in the early Spring in hotbeds or outdoors and transplant when 3 inches high, in rows 18 inches apart, 6 inches in the row. The edible part is the root and should be used when it attains a size of 2½ inches in diameter or less, when it is extremely tender and delicious. Prepared and served like turnips, except that a few of the bottom leaves can be cooked with the root.

Early White Vienna. This variety is suited for sowing under glass or for outdoors. The top is very short, thus allowing all the development to go to the root, insuring early maturity. Pkt., 10c.; 25c. per oz.; ¼ lb., 65c.; $2.00 per lb.

Purple Vienna. Flesh white, skin a bluish color. Principally used for outdoor sowing. Pkt., 10c.; 25c. per oz.; ¼ lb., 65c.; $2.00 per lb.



Kale, Dwarf Green Curled

KALE OR BORECOLE

Chou Vert (Fr.); Blatterkohl (Ger.); Cavolo Verde (Ital.)

One ounce will sow a drill 150 ft. long

For early use it may be sown in May; when desired for Winter use, sow in September, broadcast or in rows 2 ft. apart. Cover for protection against severe freezing and snow. Do not handle while in a frozen condition. One of the finest nutritious greens for Winter and early Spring use.

Dwarf Green Curled. Very dwarf and compact, rarely attaining a height of over 6 inches; color, dark green and very curly. Pkt., 10c.; 20c. per oz.; ¼ lb., 45c.; $1.25 per lb.

Imperial Long Standing. The outer edges of leaves are very crimpy, inside smooth, dark green with bluish cast. Hardy and productive. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; $1.00 per lb.

Siberian. A very hardy variety; leaves large and cook very tender. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; 85c. per lb.

LAVENDER (Herb)

Seed. Pkt., 10c.; 40c. per oz.

LAVENDER PLANTS

Pot grown. 30c. each; doz., $3.00; $20.00 per 100.

All seeds on this page (not roots or plants) mailed postpaid at prices quoted (wn)

MICHELL'S CHOICE STRAINS OF LETTUCE

Latue (Fr.); Lattich Salat (Ger.); Lattuga (Ital.) One ounce of seed will produce about 2500 plants
All prices on this page include postage

Iceberg Lettuce

HEADING VARIETIES

For the first outdoor crop seed is usually sown in hotbeds in February or March and transplanted to the garden in April in rows 1½ feet apart, 8 to 12 inches apart in the row. For a succession, sow in drills in the open ground at intervals of two or three weeks and thin out to 8 inches apart. For plants to force in hotbeds from November until Spring, sow seeds in hotbeds in the Fall. Where it is difficult to have the heading varieties develop properly on account of soil condition, we recommend the use of the loose leaf varieties.

All Heart. An excellent lettuce for either Spring or Summer use. The head, while large, has a loose heart, which is of a decided buttery flavor; can be used for sowing in frames, or in Spring and early Summer outdoors. Pkt., 10c.; 15c. per oz.; ¼ lb., 45c.

All Right. A fine variety for an early Spring crop in the hotbed or outdoors and for sowing in August for late Autumn under sash or outside; it is not affected by cold, which, with some sorts turns them brown; on the other hand, this variety retains a rich green color. Heads are large, solid and with a rich buttery heart of light yellow. Pkt., 10c.; 20c. per oz.; ¼ lb., 60c.

Big Boston. A large, flat, cabbage-headed variety; splendid for midsummer or Fall use, or under glass in the early Spring and Autumn; a delightful shade of light green, tinged light brown on the outer leaves. Pkt., 10c.; 20c. per oz.; ¼ lb., 60c.

Michell's Number One Lettuce

Boston Market (*White Seeded Tennisball*). Early, small heading variety; one of the best for forcing; the heart is very solid and crisp. Pkt., 10c.; 20c. per oz.; ¼ lb. 60c.

Davey's Improved Big Boston. Heads are similar in size and compactness to Big Boston, but slightly earlier and minus the brown tinge on outer edge of leaves. Pkt., 10c.; 25c. per oz.; ¼ lb., 65c.

Iceberg. A splendid variety, producing large, solid cabbage-like heads; firm, crisp and of fine flavor; leaves curly, slightly tinged red. Pkt., 10c.; 25c. per oz.; ¼ lb., 65c.

Improved Hanson. Tremendous solid heads; the outer leaves are curled, the interior is almost white and very tender; resists the heat well, therefore excellent for Summer use. Pkt., 10c.; 20c. per oz.; ¼ lb., 60c.

May King. The first solid head lettuce to mature outdoors; it is of good size, with tender, full heart. Suitable for sowing under sash in early Spring. Pkt., 10c.; 20c. per oz.; ¼ lb., 55c.

Mignonette. A compact variety; heads small, leaves curly and edges tinted brown; a sure header and of good quality. Pkt., 10c.; 20c. per oz.; ¼ lb., 60c.

May King Lettuce

Michell's Number One. A good variety for Summer use, as it resists the hot sun better than most sorts; tender and of a delicious buttery flavor; heads unusually large; we do not recommend it for forcing. Pkt., 10c.; 20c. per oz.; ¼ lb., 60c.

New York or Wonderful. Of the cabbage-headed sorts this is a leader; color, dark green, with white interior; heads large with curled outer leaves; a popular kind for Summer. Pkt., 10c.; 20c. per oz.; ¼ lb., 65c.

Prize Head. A splendid loosely-formed head, claimed to do well where all others fail; desirable for outdoor planting only; has a dark tinge on the outer leaves. Pkt., 10c.; 15c. per oz.; ¼ lb., 45c.

Wayahead. The earliest hard heading lettuce in cultivation, doing well either under glass or in the open, in Spring or Autumn. Pkt., 10c.; 20c. per oz.; ¼ lb., 60c.

White Big Boston. A new heading variety, which resembles Big Boston in size, solidity and general appearance, excepting it is minus the brown edge so common in that variety. This variety is preferable in some sections. Pkt., 10c.; 25c. per oz.; ¼ lb., 65c.

For Lettuce Plants, see next page

Lettuce, Grand Rapids

LOOSE LEAF OR CUTTING VARIETIES

For early or midsummer use, seed should be sown very thickly. When pulling the young plants try to do so with an effort to thin out the bed, thus allowing the remaining plants to become large. This class of lettuce is always tender.

Black Seeded Simpson. Ideal for midsummer use, as it withstands the most trying conditions of heat and drought. When matured, presents a formidable loose head with finely fringed leaves. Pkt., 10c.; 20c. per oz.; ¼ lb., 60c.

Early Curled Silesian. This variety should be cut instead of pulled, as it makes new growth from the same root. A light green color, and when given plenty of room will form a large, loose head. Pkt., 10c.; 15c. per oz.; ¼ lb., 45c.

Early Curled Simpson. A splendid curly-leaved sort; loose heads and very tender. Pkt., 10c.; 15c. per oz.; ¼ lb., 45c.

Grand Rapids. The leading variety in this class for forcing under glass, but it may also be grown successfully outdoors. The leaves are very curly, crisp and brittle and have a palatable flavor. Pkt., 10c.; 20c. per oz.; ¼ lb., 60c.

Leek

LEEK

Poireau (Fr.); Lauch (Ger.); Porro (Ital.)

One ounce of seed will sow about 100 feet of drill

Allied to the onion family but producing no bulb; the stalks are cut and used for flavoring soups; also they are boiled and served with melted butter and make a very palatable dish on account of their mild flavor. Sow seed in April in rows 1 foot apart, covering the seed about an inch; when about 4 inches high transplant where it is to develop, in rich soil in rows 18 inches apart, 6 inches in the row.

American Flag. Popular for the home garden. Makes a longer but narrower stalk than others. Pkt., 10c.; 35c. per oz.; ¼ lb., 90c.

Giant Carentan. A variety which produces colossal stalks of tender quality; splendid for exhibition purposes. Pkt., 10c.; 35c. per oz.; ¼ lb., 90c.

ROMAINE OR COS LETTUCE

Of French origin, this type, as will be seen by the illustration, differs greatly from the American varieties by its peculiar upright growth. To have it tender the heads must be tied together at the top so that the inner leaves blanch; it has a decided flavor. It is best adapted to outdoor planting and stands the heat well.

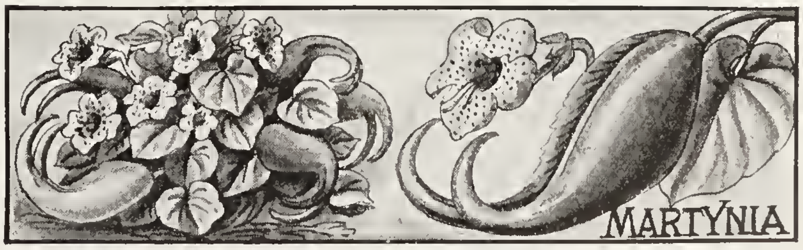
Kingsholm. The largest and best heading variety of this type, the inner leaves blanch almost pure white and have little or no rib, the heads are very full throughout and therefore contain more edible part. Pkt., 10c.; 25c. per oz.; ¼ lb., 60c.

Lettuce, Kingsholm Cos

LETTUCE PLANTS

We can supply these in heading varieties only, of our selection. 25 for 25c. (by parcel post, 40c.); 75c. per 100 (by parcel post, 95c.); per 1000, $6.00.

MANGEL-WURZEL. See page 56



MARTYNIA (Unicorn Plant)

A bushy plant growing 2 feet in height, bearing clusters of pink flowers resembling gloxinias, which are followed by curled seed pods, which when picked may be pickled the same as cucumbers, making a very tasty relish. Sow seeds in April outdoors and transplant so the plants stand 2 feet apart each way.

Proboscidea. Pkt., 10c.; 30c. per ½ oz.; oz., 50c.

MICHELL'S MUSKMELON OR CANTALOUPE

Melon Muscade (Fr.); Melone (Ger.); Popone Melone (Ital.)

One ounce will plant about 50 hills; 2 to 3 lbs. are required for an acre.

While these do best in a light sandy loam, any good well-prepared garden soil suits them. Plant when the ground has become permanently warm, in hills 6 feet apart each way, 8 to 10 seeds in a hill. After the second tier of leaves has formed, thin out to 4 plants in a hill. Watch carefully for insects of various kinds, especially the melon louse that works under the leaf and shrivels it, causing the plant to die. To fight this successfully, raise up the vines and spray underneath with Arsenate of Lead, or some of the various Nikoteen preparations.

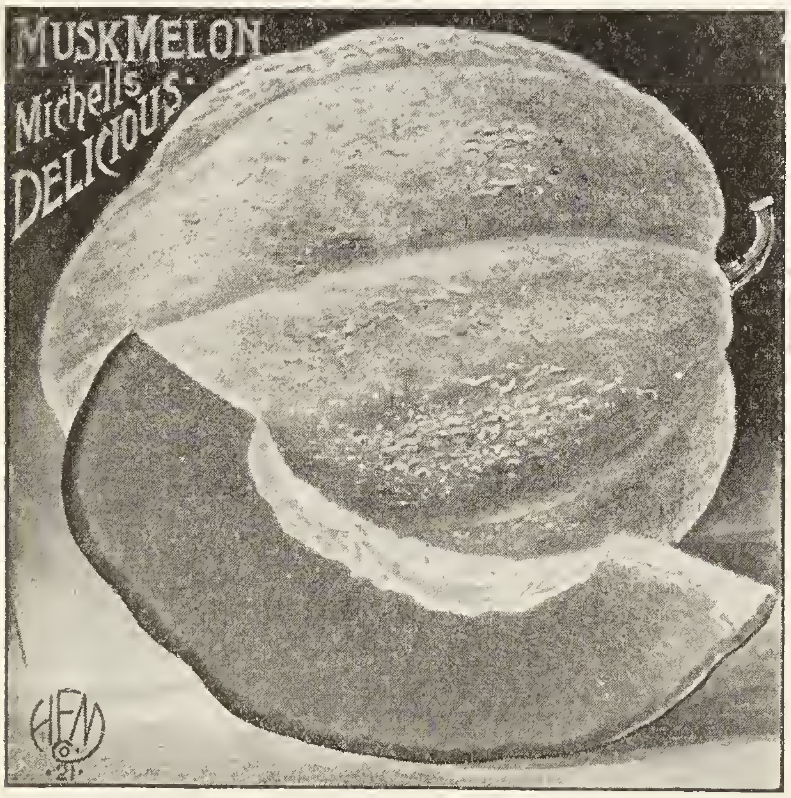
Emerald Gem. Flat shape; the flesh, which is thicker than any other melon of the same shape, is a rich salmon shade and ripens extremely close to the rind; exceedingly sweet. Pkt., 10c.; 15c. per oz.; ¼ lb., 40c.

Fordhook. Of flat shape like Emerald Gem, on which it is an improvement. Flesh a beautiful salmon orange, very sweet; fruits large, often weighing 2 lbs. each; an early variety, and very prolific. The netted rind is very thin and the melon can be eaten very close thereto. Pkt., 10c.; 20c. per oz.; ¼ lb., 50c.

Hale's Best. The chief value of this variety is its earliness and fine quality; oval in shape, heavily netted; salmon color flesh; an excellent variety for long distance shipping. Pkt., 10c.; 20c. per oz.; ¼ lb., 50c.

Hearts of Gold. A splendid mid-season variety; fruit round, distinctly ribbed; flesh, which is a deep salmon color, is thick and can be eaten very close to the rind, excellent flavor. Pkt., 10c.; 20c. per oz.; ¼ lb., 50c.

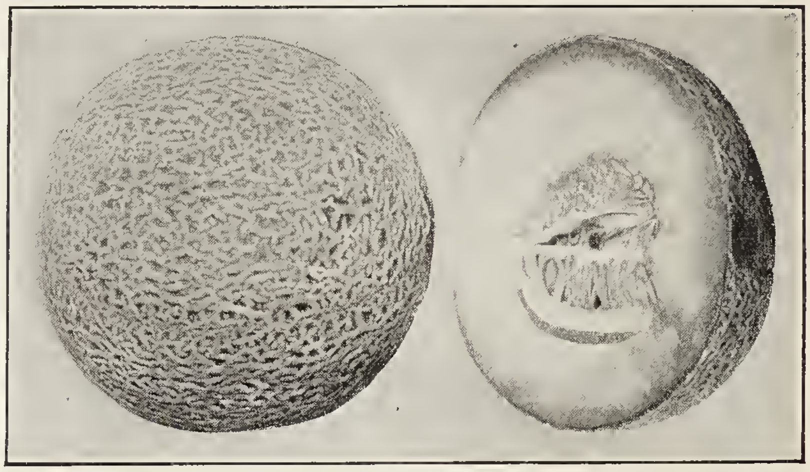
Honey Dew. A late maturer; large in size, being 6 inches in diameter and from 7 to 8 inches long; skin smooth with an occasional net and creamy white. The thick flesh is emerald green, melting, and of a wonderfully delicious flavor, sweet as honey. The ripe melons can be kept in a suitable place for several weeks before using. Pkt., 10c.; 20c. per oz.; ¼ lb., 50c.



VEGETABLES YOUR BEST FOOD

Our health depends a great deal on what we eat. The average American meal consists of acid-forming foods and so refined that the best elements are lost and therefore detrimental. Vegetables are your best food; eat more of them.

All seeds on this page mailed postpaid at prices quoted.



Hearts of Gold Muskmelon

Honey Rock. A new introduction. A wonderful melon of excellent flavor; medium in size, round as a ball and with a very coarse netting; flesh thick and of a deep orange color; they ripen early and have proved to be very productive. See illustration, page 49. Pkt., 10c.; 20c. per oz.; ¼ lb., 50c.

Jenny Lind. A small, flat, early sort, heavily netted and ribbed, green flesh; a good home garden melon; edible in about 87 days from time of planting. Pkt., 10c.; 15c. per oz.; ¼ lb. 40c.

Michell's Delicious. This deservedly enjoys a good name, large in size, often weighing 15 to 20 lbs. The flesh is deep orange-salmon and of splendid quality. Pkt., 15c.; 25c. per ½ oz.; 45c. per oz.; per ¼ lb., $1.50.

New Surprise. A large variety, often weighing 8 to 9 pounds; rather oval in shape, with very prominent ribs; the skin which is a green color is slightly netted, as it ripens, it turns to a cream color; flesh bright salmon color, thick, sweet and spicy. Pkt., 10c.; 25c. per oz.; ¼ lb., 75c.

Rockyford. A medium early variety, suitable for growing in all sections; the fruit is oval in shape and covered with a fine netting; flesh green, very sweet and highly flavored. Pkt., 10c.; 15c. per oz.; ¼ lb., 40c.

FORCING MELONS (English Varieties)

Forcing melons can be grown successfully outside in hotbeds. Sow seed in pots in March and transplant to hotbed when three leaves have developed; these will ripen fruit in June and July. For indoor use treat same as forcing cucumber.

Blenheim Orange. Orange flesh. Pkt., 25c.; 65c. per 3 pkts.

Sutton's A1. Scarlet flesh. Original pkt., $1.25.

Windsor Castle. Green flesh. Pkt., 25c.; 65c. per 3 pkts.

MELON NETS. For supporting forcing melons in greenhouses; made very strong; will last for a number of crops. $2.50 per doz.; per 100, $18.00.

MINT (Herb)

Pkt., 25c.; 65c. for 3 pkts.

MINT PLANTS (Pot Grown)

Peppermint. 20c. each; doz., $2.00; $12.00 per 100.

Spearmint. 20c. each; doz., $2.00; $12.00 per 100.

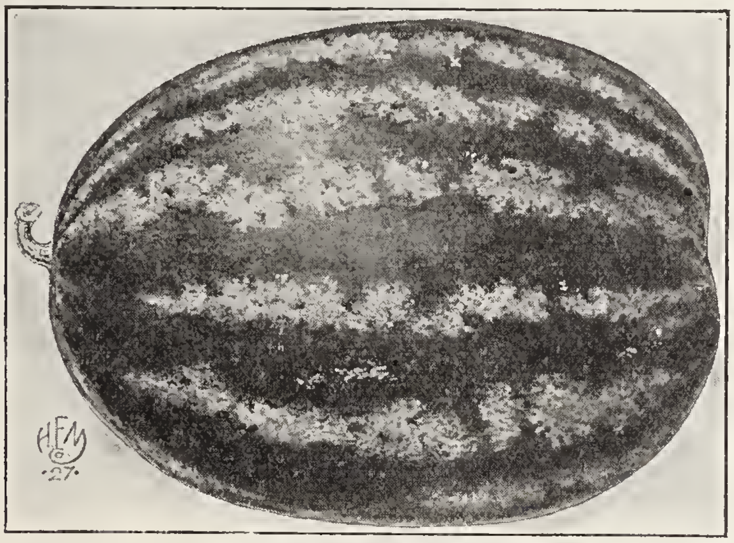
Muskmelon Production (Lloyd), Price, $1.25 (wn)

MICHELL'S CHOICE STRAIN WATERMELON

Melon d'eau (Fr.); Wasser Melone (Ger.); Melone d'aqua (Ital.)

One ounce will plant 30 hills, four pounds are required for an acre.

Plant in hills 8 to 10 feet apart each way; scatter 8 to 10 seeds in each hill, covering half an inch deep; when well established thin out to three or four of the strongest plants to each hill. A little land plaster dusted over the young plants will keep beetles away. Watermelons should not be planted until after the soil has become thoroughly warm. We offer only the varieties which from experience we know are the better ones.



Watermelon, Harris' Earliest

Dixie. This is an old-time favorite, roundish-long in shape. The skin is dark green, mottled light; the flesh is very sweet and ripens close to the rind. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; $1.00 per lb.

Halbert Honey. The long fruits with blunt ends are very large, often weighing 50 lbs.; the rind is very thin, dark green, while the flesh is a rich crimson and very sweet. It is very prolific and is altogether a first-rater. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; $1.00 per lb.

Harris' Earliest. Ripens very early and on this account is one of the best to raise in the northern states. Fruit oblong and marbled with light and dark green; flesh bright red and of good quality. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; $1.00 per lb.

MICHELL'S MUSHROOM SPAWN

A fine crop of mushrooms can be produced with very little labor or expense, provided a suitable location can be obtained. Cellars, sheds or greenhouses can be used for their culture.

PURE SPORE CULTURE SPAWN

This spawn is made in quart milk bottles under absolutely sterile conditions, so that every mould, weed seed or insect is destroyed and each bottle contains nothing but pure spawn. One carton equals 5 bricks of ordinary spawn and is sufficient to spawn about 40 square feet. The spawn is dried thoroughly and wrapped in paper, with full directions how to grow mushrooms and packed in cartons.

Prices

Per carton	$1.00	25 cartons	$21.25
12 cartons	10.75	60 cartons	48.00

If wanted by P. P., allow 10c. per carton for postage.

PURE CULTURE BRICK SPAWN

One brick will spawn 8 to 10 square feet. Ask for our Free Leaflet on Mushroom Culture.

Pure White

Per brick	$0.35	Per 10 bricks	$2.75
Per 5 bricks	1.50	Per 25 bricks	6.50
Per 50 bricks	$12.50		

If wanted by P. P., allow for postage at the rate of 10c. per brick; 15c. per 5 bricks; 25c. per 10 bricks.

MUSHROOM OR HOTBED THERMOMETERS

No. 20450. Iron Point, oxidized finish. Price, $3.00 (by P. P., $3.15).

Thermometers should, wherever possible, be sent by express. We do not guarantee safe arrival if forwarded by parcel post.

Watermelon, Kleckley Sweets

Kleckley Sweets. A sweet one, to be sure, with a luscious tenderness all its own. It is not a shipping variety, as the rind is too close to the ripe, fluffy, rich red meat, when in condition to use. The melons average about 20 inches long and ripen quite early. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; $1.00 per lb.

Pride of Muscatine (*Wilt Resistant*). A new melon that will be welcomed in sections where melon wilt prevails. It is more immune from this plant disease than any variety we know of. A long, dark green variety with red flesh and exceptionally sweet. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; $1.00 per lb.

Tangerine. A fine small melon measuring 6 to 8 inches in diameter; oval in shape with mottled stripes of light green; flesh pink and of fine quality. When the rind is broken the flesh separates the same as a tangerine. Pkt., 15c.; 35c. per oz.; ¼ lb., $1.00.

Tom Watson. A handsome large fruit, frequently 2 feet long and 12 inches in diameter; dark green rind, bright scarlet flesh, which is of splendid texture and flavor, the sugary meat really melts in your mouth. Nothing can touch it in the melon line for shipping qualities. The rind being tough, it will resist plenty of abuse. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; $1.00 per lb.

Watermelon seed for medicinal purposes, 35c. per lb.

PRESERVING MELON OR CITRON

California Red Seeded. A large-fruited variety; pure white flesh and thin rind. This is expensive when bought, yet can be grown and preserved by any energetic housewife, who will then also know it to be absolutely pure and good. It is planted like watermelon. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; $1.00 per lb.

Pure Spore Culture Spawn

BOOKS ON GROWING MUSHROOMS

Mushrooms, How to Grow (*Falconer*). 169 pages $1.75

MICHELL'S SELECT ONION SEED

Ognon (Fr.); Zwiebel (Ger.); Cipolla (Ital.)

To grow full-size onions, one ounce of seed will sow a 100 foot row; 5 to 6 pounds are required per acre. If it is desired to grow onion sets, sow 40 to 50 pounds per acre.

Sow in the early Spring in rows 2 feet or less apart, according to cultivation method employed. The seed should be firmed in the soil. If it is desired to grow full size onions the first year, thin out when 3 inches high, so that they stand about 3 or 4 inches apart. White onions are mildest in flavor and are recommended for early use. The yellow sorts are best for Winter keeping.

Ailsa Craig. The largest of all onions, often weighing 3 pounds and over, each. Globe-shaped, slightly pointed at top and base; color a beautiful straw yellow. To obtain best results sow seed in hotbed and later transplant where they are to grow; in planting place 4 to 6 inches apart and thus procure gigantic specimens. Pkt., 10c.; 25c. per oz.; ¼ lb., 75c.; $2.75 per lb.

Bermuda White. Although known as the Bermuda White it is a light yellow or straw color; early and if transplanted about 4 inches apart, will produce immense flat bulbs. In the raw state it is very mild, while when cooked, the flesh is tender and of a delicious flavor; an elegant variety for slicing. Pkt., 10c.; 25c. per oz.; ¼ lb., 75c.; $2.75 per lb.

Prizetaker. A mammoth yellow variety; if sown thinly it produces full-size onions in one season from seed, rivaling the Bermuda varieties for size and flavor, often weighing 3 lbs. or more each. Pkt., 10c.; 25c. per oz.; ¼ lb., 75c.; $2.75 per lb.

Southport Red Globe. Medium to large in size and medium early; smooth, deep purplish-red skin; mild, fine-grained and tender; an excellent keeper. Pkt., 10c.; 35c. per oz.; ¼ lb., 85c.; $3.00 per lb.

Southport White Globe. A beautiful type of an almost round onion, growing to an enormous size. The flesh when cooked is of a rich milky color, of tender and delicious flavor and in the raw state it is one of the mildest. Pkt., 10c; 40c. per oz.; ¼ lb., $1.10; $4.00 per lb.

Southport Yellow Globe. Similar to the Danvers except larger in size, more like the Prizetaker. This is probably one of the most uniform growing varieties, every bulb being almost perfectly round and of the same size; light straw colored skin. Pkt., 10c.; 35c. per oz.; ¼ lb., 95c.; $3.50 per lb.

Sweet Spanish (*Riverside Strain*). Globe shaped with golden yellow skin; large, sweet and an excellent keeper. Pkt., 10c.; 35c. per oz.; ¼ lb., 85c.; $3.00 per lb.

White Barletta. An extra early small round variety, used principally for pickling, also for bunching. Pkt., 10c.; 35c. per oz.; ¼ lb., 85c.; $3.00 per lb.

White Bunching. An extra fine variety for early Spring and Summer use; seed sown early in the Spring will produce long green scallions which blanch white and remain tender for a long time; they do not form a bulb on the bottom. Pkt., 10c.; 25c. per oz.; ¼ lb., 75c.; $2.50 per lb.

White Portugal or Silver Skin. The standard white onion for market or home use; mild flavor; semi-globe shaped and very uniform in growth and size. Pkt., 10c.; 25c. per oz.; ¼ lb., 75c.; $2.75 per lb.

Yellow Globe Danvers. This almost round-shaped onion is extensively sown by the private and market gardener on account of its good keeping qualities. It is a dark straw color and always produces a good crop, growing to a large size. Pkt., 10c.; 30c. per oz.; ¼ lb., 95c.; $3.50 per lb.

Yellow Strasburg. A dark straw color skinned sort, almost flat in shape, but a large onion. Its fine keeping qualities are what recommend it to the home as well as the market gardener. For a yellow sort it is rather mildly flavored; for growing sets, more of this variety is sold than any other. Pkt., 10c.; 25c. per oz.; ¼ lb., 65c.; $2.25 per lb.

Onion, Prizetaker

ONION SETS

One quart will plant a row about 50 feet

Plant as soon as the ground can be worked. Press the bulb in the ground lightly (do not cover), in rows 12 inches apart, 2 inches apart in the row. So that all the development goes in the onion, on signs of their going to seed, bend the top over, but do not break it off. The advantage in planting onion sets lies in the fact that the young onion is ready often 5 weeks from the time of planting, while those grown from seed cannot be used until well in the Autumn.

Shipped on Local Orders about March 10, unless otherwise requested.

If Onion Sets are wanted by parcel post, add 10c. per qt.; 15c. per 4 qts.; 25c. per peck for postage.

	Qt.	4 qts.	Peck
Yellow	$0.25	$0.80	$1.20
White	.30	.95	1.45
Red	.25	.80	1.20
	Lb.	5 lbs.	10 lbs.
White Multiplier	$0.30	$1.40	$2.50
Potato Onions	.30	1.40	2.50
Shallots	.30	1.40	2.50
Garlic Sets	.30	1.40	2.50

If the above are wanted by parcel post, add 10c. per lb.; 15c. for 5 lbs.; 20c. for 10 lbs., for postage.

Tree or Top Onions. Ready latter part of August.

We give 32 pounds per bushel on Onion Sets.

Prices quoted above are subject to market change.

Prices on larger quantities of Onion Sets will be quoted on request.

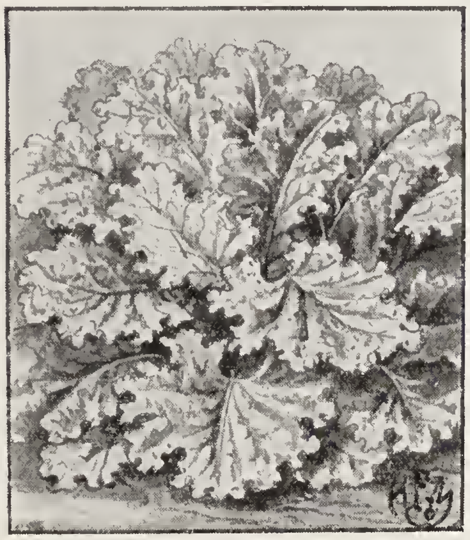
We make a specialty of choice Onion Sets.

Seeds only on this page mailed postpaid at prices quoted

MUSTARD

One ounce will sow a row 75 feet long

Makes a delicious green salad, pungent in taste, highly palatable and healthy. Sow every two weeks in rows the same as spinach. Fine Winter greens if sown in a heated frame or greenhouse, also fine if served with lettuce for flavoring. If the plant is allowed to stand, the seed can be harvested and used for other culinary purposes.



Mustard, Southern Giant Curled

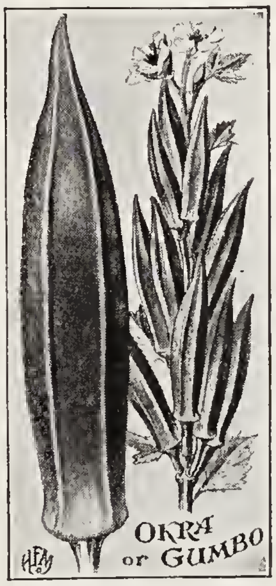
Fordhook Fancy. Produces a large crop of leaves, resembling an ostrich plume and which are of mild flavor. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; 80c. per lb.

Southern Giant Curled. The best of the curled mustards, sweet flavor; matures very early and produces abundant foliage. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; 75c. per lb.

OKRA OR GUMBO

Gombo (Fr.); **Ocher** (Ger.); **Ocra** (Ital.)

One oz. will sow a row about 100 feet long.



The seed is sown thickly, after the frost and cold have disappeared, in rows 3 feet apart; when about 6 inches high the plants should be thinned out to stand 12 inches apart in the row. The pod is used when young and tender, sliced in soups and stews; what is not utilized during the Summer may be harvested, cut in slices and dried in the sun, and put away for use during the Winter.

Perkin's Long Pod. A dwarf type, setting pods when the plants are only a foot high; can be planted somewhat earlier than other sorts. The pods are exceedingly long, tender and of a dark green color. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; 75c. per lb.

White Velvet or Creole. The pods of this variety are very free from ridges, being almost perfectly smooth; they are tender and very light green, almost white in color. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; 75c. per lb.

PARSNIP

Panais (Fr.); **Pastinake** (Ger.); **Pastinaca** (Ital.)

One ounce will sow a row 150 feet long; 5 lbs. per acre.

Sow early in Spring in drills about 24 inches apart, covering the seed lightly; when plants are 2 or 3 inches high, thin out so the roots will develop; cultivate well during the growing season.

Improved Sugar or Hollow Crown. A very thick, broad-topped root, which makes it lift easily. Flesh is very fine grained and sweet, while the outer surface is smooth and almost white. Pkt., 10c.; 15c. per oz.; ¼ lb., 40c.; $1.10 per lb.

All seeds (not plants) on this page mailed free at prices quoted.

Double Curled Parsley

PARSLEY

Persil (Fr.); **Petersilie** (Ger.); **Prezzemolo** (Ital.)

One ounce will sow a row 100 ft. long.

After soaking the seed for a few hours in warm water, it should be sown in rows 18 inches apart and when 2 inches high thinned out so the plants will stand 4 inches apart in the row. It takes parsley seed from 3 to 6 weeks ordinarily to germinate, so that a little patience in growing this is necessary.

Champion Moss Curled. The attractive curled leaf of a dark green color and long stems, making it suitable for bunching, are outstanding features of this variety. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; $1.00 per lb.

Double Curled or Covent Garden. The nicely curled leaf of a deep green color makes it an elegant variety for garnishing steaks and salads; dwarf in habit. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; $1.00 per lb.

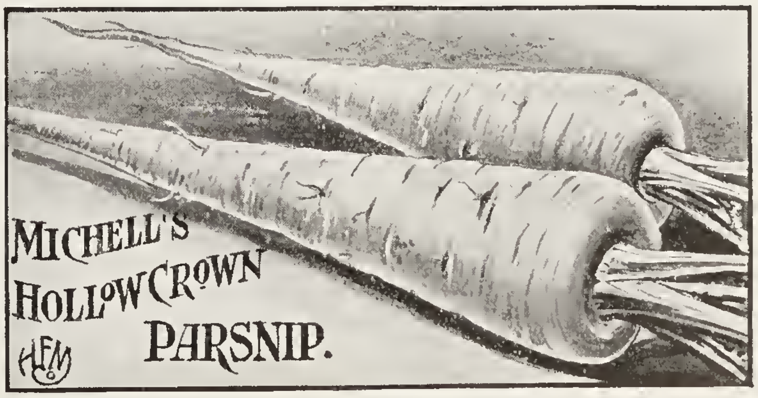
Hamburg or Rooted. The fleshy roots are used for flavoring soups, stews, etc. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; $1.00 per lb.

Plain or Single. Leaves not curled. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; $1.00 per lb.

Tom Thumb. A very fine extra curled parsley of dwarf habit, growing uniform in shape and compactness; best for home garden use, also suitable for edging borders and for decorative purposes. Pkt., 10c.; 25c. per oz.; ¼ lb., 65c.; $2.00 per lb.

PARSLEY PLANTS (Ready in April)

Large specimens, pot-grown ready for use. Per doz., $1.00; $7.00 per 100. Not mailable.

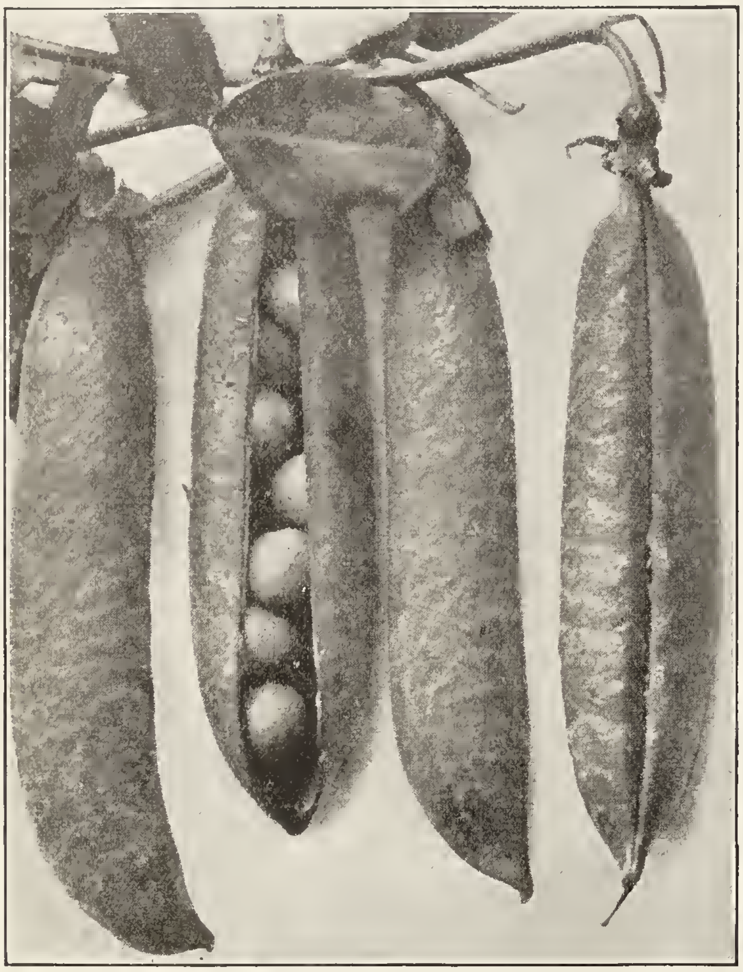


MICHELL'S CHOICE GARDEN PEAS

Pois (Fr.); Erbsen (Ger.); Pisello (Ital.). 2 lbs. will plant 100 ft. of row; 90 to 120 lbs. per acre.

The smooth-seeded varieties may be sown as soon as the ground can be worked; the wrinkled sorts when the ground has become warmer. Sow in single or double rows, 2 to 4 feet apart according to the variety. To have a continuous crop, sow weekly up to May 15th, then discontinue until August 1st, when the early varieties may be sown for a Fall crop.

Prices quoted on Peas are prepaid in quantities up to 5 lbs., to the first and second zones; for other zones, see parcel post table on page 1. Larger quantities shipped at purchaser's expense.



Gradus Peas

EXTRA EARLY VARIETIES

Alaska. Smooth seeded; very early; height, 2½ feet. Pkt., 10c.; 20c. per ½ lb.; lb., 35c.; 65c. per 2 lbs.; 5 lbs., $1.50; $2.70 per 10 lbs.; 25 lbs., $5.75.

Dandy Extra Early. A selection of the Eureka, but far superior; smooth seeded, very prolific and desirable for the kitchen and market garden; height, 24 inches. Pkt., 10c.; 20c. per ½ lb.; 35c. per lb.; 2 lbs., 65c.; $1.50 per 5 lbs.; 10 lbs., $2.70; $6.00 per 25 lbs.

Early June. A green seeded, smooth pea, desirable for first planting; height, 2½ feet. Pkt., 10c.; 20c. per ½ lb.; lb., 35c.; 65c. per 2 lbs.; 5 lbs., $1.50; $2.70 per 10 lbs.; 25 lbs., $5.75.

Early Eight Weeks. A wrinkled variety, growing 12 to 15 inches high and commencing to bear 6½ weeks after planting; a heavy cropper and especially desirable where room is scarce. Pkt., 10c.; 25c. per ½ lb.; lb., 40c.; 75c. per 2 lbs.; 5 lbs., $1.75; $3.20 per 10 lbs.; 25 lbs., $7.00.

Gradus or Prosperity. Never was there a pea offered which is so largely demanded as this very early sort; exceedingly luscious, wrinkled and a producer of gigantic pods and peas; height, 36 inches. Pkt., 10c.; 25c. per ½ lb.; lb., 40c.; 75c. per 2 lbs.; 5 lbs., $1.75; $3.20 per 10 lbs.; 25 lbs., $7.00.

Laxtonian. An extra fine early, dwarf sort; pods are large and well filled with peas of extra fine quality; height, 18 inches. Pkt., 10c.; 25c. per ½ lb.; lb., 40c.; 75c. per 2 lbs.; 5 lbs., $1.75; $3.20 per 10 lbs.; 25 lbs., $7.00.

Laxton's Progress. Earlier than Laxtonian; long pods filled with 8 or 9 large peas of excellent flavor; height, 18 inches. Pkt., 10c.; 25c. per ½ lb.; lb., 40c.; 75c. per 2 lbs.; 5 lbs., $1.75; $3.20 per 10 lbs.; 25 lbs., $7.00.

Little Marvel. Wrinkled, dwarf, 18 to 20 inches; prolific and sweet. Pkt., 10c.; 25c. per ½ lb.; lb., 40c.; 75c. per 2 lbs.; 5 lbs., $1.75; $3.20 per 10 lbs.; 25 lbs., $7.00.

Nott's Excelsior. A splendid early wrinkled pea, producing heavy crops of full pods very early; height, 15 inches. Pkt., 10c.; 25c. per ½ lb.; lb., 40c.; 75c. per 2 lbs.; 5 lbs., $1.75; $3.20 per 10 lbs.; 25 lbs., $7.00.

Special Extra Early. Of the smooth-seeded sorts this is the peer. Extremely early, lusciously sweet and very tender; a grand yielder; height, 24 inches. Pkt., 10c.; 20c. per ½ lb.; lb., 35c.; 65c. per 2 lbs.; 5 lbs., $1.50; $2.70 per 10 lbs.; 25 lbs., $6.00.

Thos. Laxton. Heavy producer; wrinkled, exceedingly early; pods are large and filled with large peas of excellent flavor. Its heavy cropping qualities make it suitable for an early crop in the private garden; height, 36 inches. Pkt., 10c.; 25c. per ½ lb.; lb., 40c.; 75c. per 2 lbs.; 5 lbs., $1.75; $3.20 per 10 lbs.; 25 lbs., $7.00.

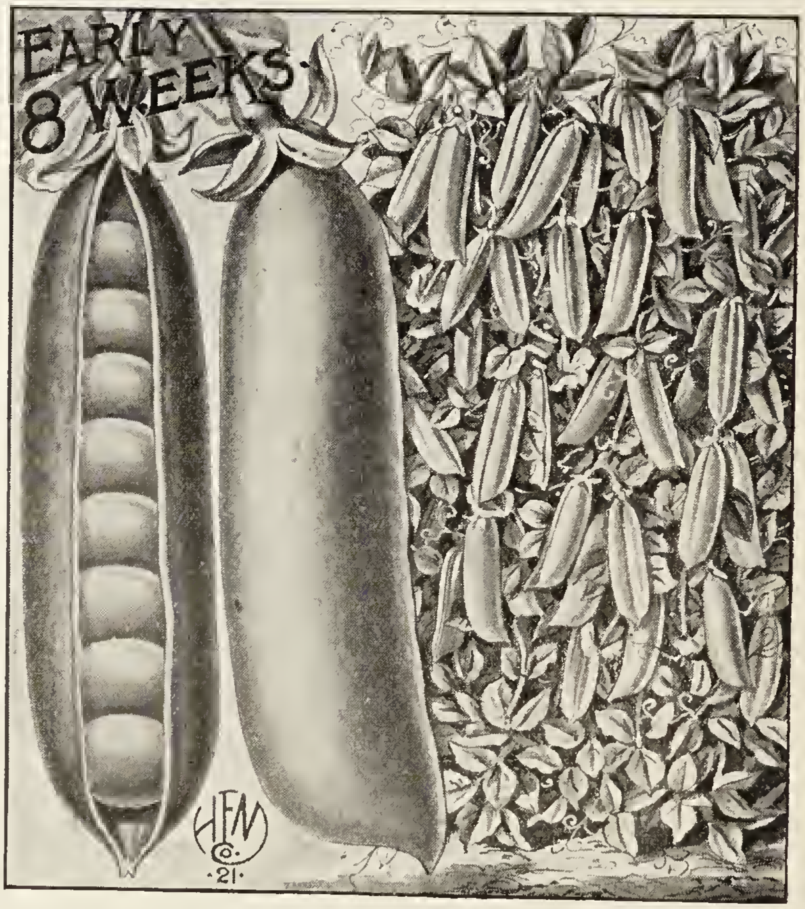
PRIZE COLLECTION

The best selection of Garden Peas, which will give a continuous supply. Plant at intervals of one week in rotation as given.

Dandy Extra Early **Little Marvel**
Dwarf Champion

Price, 1 pkt. of each for 25c.; 1 lb. of each for $1.00, postpaid.

VEGETABLE GARDENING (*Watts*)
A complete, concise and authentic book.
511 pages. Price, $2.50



See page 80 for Nitrogen Bacteria for Peas

MICHELL'S CHOICE GARDEN PEAS

Prices quoted on Peas are prepaid in quantities up to 5 lbs., to the first and second zones; for other zones, see parcel post table on page 1. Larger quantities shipped at purchaser's expense.

SECOND EARLY VARIETY

Dwarf Telephone. One of the best medium early sorts; large pods, peas wrinkled and very sweet; height, 18 inches. Pkt., 10c.; 25c. per ½ lb.; lb., 40c.; 75c. per 2 lbs.; 5 lbs., $1.75; $3.20 per 10 lbs.; 25 lbs., $7.00.

GENERAL OR LATER CROP VARIETIES

Champion of England. A very tall, rank grower, but a wonderful yielder of delicious quality peas; seed wrinkled; height, 5 feet. Pkt., 10c.; 20c. per ½ lb.; lb., 35c.; 65c. per 2 lbs.; 5 lbs., $1.50; $2.70 per 10 lbs.; 25 lbs., $5.75.

Dwarf Champion. Possesses most all the good qualities of the famous Champion of England, and has the further advantage of being dwarf; a very delicious pea; height, 2 feet. Pkt., 10c.; 20c. per ½ lb.; lb., 35c.; 65c. per 2 lbs.; 5 lbs., $1.50; $2.70 per 10 lbs.; 25 lbs., $6.00.

Telephone (*Tall*). The finest late wrinkled pea grown; exceedingly sweet; an abundant producer; height, 3½ feet. Pkt., 10c.; 25c. per ½ lb.; lb., 40c.; 75c. per 2 lbs.; 5 lbs., $1.75; $3.20 per 10 lbs.; 25 lbs., $7.00.

Yankee Prince. A large podded wrinkled sort; heavy yielder; pods often measure 6 inches in length; height, 4 feet. Pkt., 10c.; 25c. per ½ lb.; lb., 40c.; 75c. per 2 lbs.; 5 lbs., $1.75; $3.20 per 10 lbs.; 25 lbs., $7.00.

SUGAR OR EDIBLE POD PEAS

This type produces large, well-filled pods. They are cooked with the peas intact; very tender and exceedingly sweet.

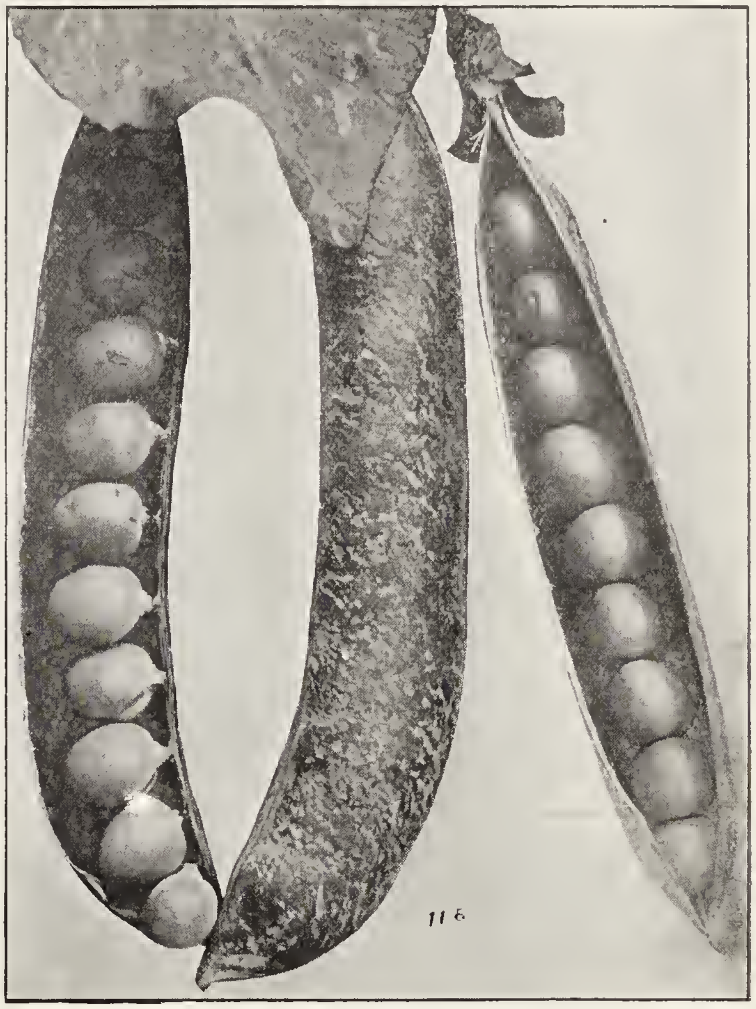
Dwarf Gray Sugar. Gray seed; height, 2 feet. Pkt., 10c.; 25c. per ½ lb.; lb., 40c.; 75c. per 2 lbs.; 5 lbs., $1.75; $3.20 per 10 lbs.; 25 lbs., $7.00.

Tall Luscious Sugar. Gray seed; height, 4 feet. Pkt., 10c.; 25c. per ½ lb.; lb., 40c.; 75c. per 2 lbs.; 5 lbs., $1.75; $3.20 per 10 lbs.; 25 lbs., $7.00.

HONEY SWEET

Most Distinct Sugar Pea Ever Introduced

An entirely new type, with curved pods that are thick and fleshy and free from hard tissue; can be cooked like string beans. Its sliced pods make a delicious addition to mixed salads. Pkt., 35c.; $1.20 per ½ lb.; lb., $2.00.



Tall Telephone Peas

MICHELL'S CHOICE SEED POTATOES

Pomme de Terre (Fr.); Kartoffel (Ger.); Patata (Ital.)

TIME OF SHIPMENT.—Potato shipping with us commences about March 15th (weather permitting), unless otherwise requested. We can ship at customer's risk any time during cold weather. **Plant 12 to 14 bushels per acre.**

Our potatoes are put up in sacks of 2½ bushels each.

Beats Them All (*Michell's*). This famous variety has given the best results wherever tried, yielding more than any other early potato; quality fine; extremely early, coming in about one week or ten days earlier than Early Rose. Oblong in shape.

Early Rose (*Houlton or Maine*). A leading variety for earliness, quality and productiveness; pink skin, oblong shape.

Green Mountain. An excellent general crop variety; white, roundish flat.

Irish Cobbler. A splendid sort, almost round in shape.

Jersey Red Skin. These are especially adapted for planting in light, sandy soil late in June and in early July. They are oval shaped, medium size and cook pure white.

Russet. A splendid late variety, claimed to be absolutely rust and blight proof; medium size, oval or flat in shape.

Prices on Seed Potatoes are established about March 1st.

SWEET POTATO PLANTS (Ready in May)

Yellow and Red Nansemond. Per 100, 75c. (by parcel post, 90c.); $5.00 per 1000. Not less than 100 plants of a variety can be furnished.

We regret we cannot supply tubers of sweet potatoes.

FORMACIDE

For treating seed potatoes to insure against disease producing germs and spores that are present. Apply the dust to the seed pieces at the rate of 4 ounces to 1 bushel of potatoes. Per ½ lb., 45c.; 75c. per lb.; 5 lbs., $2.00; $5.50 per 25 lbs.; 50 lbs., $9.00; $17.00 per 100 lbs.

NEW IMPROVED SEMESAN BEL (Du Bay)

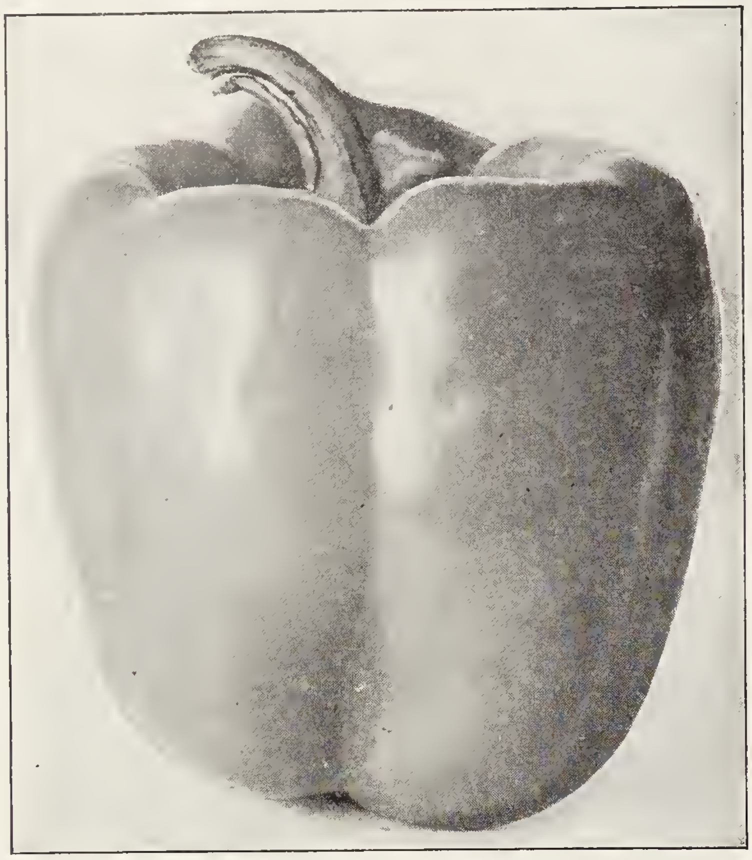
For treating seed potatoes before planting

Simply mix, dip, drain, dry and your seed potatoes are ready for planting; may be used on either whole or cut seed pieces; effectively controls such seed-borne disease organisms as scab, rhizoctonia and black-leg. One pound treats 16 to 20 bushels of seed. Per 4 oz., 50c.; $1.65 per lb.; 5 lbs., $7.00; $31.25 per 25 lbs.; 100 lbs., $120.00.

Principles of Potato Production (Nixon). Price, $1.25 (wn)

MICHELL'S PEPPERS

Piment (Fr.); Ffeffer (Ger.); Peperone (Ital.).
One ounce produces about 1200 plants



California Wonder Pepper

Sow the seed in a hotbed or window box about March 1st. Transplant to the open ground when all danger from frost is over, in rows 3 feet apart, 18 inches apart in the row.

Bell or Bull Nose. One of the earliest varieties and very hardy; plants sturdy and produce great numbers of green fruit, turning later to vivid scarlet; flesh fairly thick and slightly hot or pungent. Pkt., 10c.; 20c. per ½ oz.; oz., 35c.; $1.20 per ¼ lb.

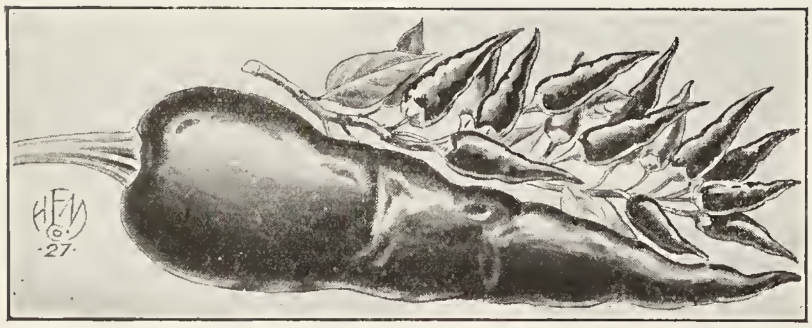
California Wonder. A fine variety of great merit; very large fruits, often weighing 8 to 10 ounces each; glossy green color turning later to vivid red; flesh thick and mild in taste. Pkt., 10c.; 30c. per ½ oz.; oz., 50c.; $1.60 per ¼ lb.

Chinese Giant. A monster pepper, perfectly sweet, green fruit turning bright scarlet; matures late; fine for stuffed mangoes. Pkt., 10c.; 30c. per ½ oz.; oz., 50c.; $1.60 per ¼ lb.

Golden Dawn. A large yellow variety shaped like the Chinese Giant; very sweet. Pkt., 10c.; 35c. per ½ oz.; oz., 60c.; $1.85 per ¼ lb.

Harris' Early Giant. A new early variety of large size; deep green turning to red; flesh thick and of a sweet pleasant flavor. Pkt., 10c.; 25c. per ½ oz.; oz., 45c.; $1.45 per ¼ lb.

Large Red Cherry. A large hot variety, extensively used for canning whole; averages 1½ to 2 inches in diameter; shaped something like a flattened tomato. Pkt., 10c.; 20c. per ½ oz.; oz., 35c.; $1.10 per ¼ lb.



Pepper, Red Chili

Long Red Cayenne. A long red variety; very hot and used principally for bunching with potherbs. Pkt., 10c.; 25c. per ½ oz.; oz., 40c.; $1.10 per ¼ lb.

Hungarian Wax. Golden yellow when young, turning later to scarlet; fruits about 2½ inches in diameter and 4 to 5 inches long; very hot and used principally for pickling. Pkt., 10c.; 30c. per ½ oz.; oz., 60c.; $1.85 per ¼ lb.

Neapolitan. Early, large size, thick meated, mild flavor, bright red when ripe. Pkt., 10c.; 20c. per ½ oz.; per oz., 35c.; $1.20 per ¼ lb.

Pimiento. A splendid uniformly shaped, sweet variety; green fruit changing to red when fully ripe. Pkt., 10c.; 20c. per ½ oz.; oz., 35c.; $1.10 per ¼ lb.

Red Chili. The small narrow red pods are very hot; used for seasoning. Pkt., 10c.; 25c. per ½ oz.; oz., 40c.; $1.35 per ¼ lb.

Ruby Giant. Very large; adapted for stuffing; mild flavor. Pkt., 10c.; 25c. per ½ oz.; oz., 40c.; $1.35 per ¼ lb.

Ruby King. From 5 to 6 inches long and about 3 inches in diameter; green turning to red as they mature; flesh fairly thick and mild in flavor. Pkt., 10c.; 20c. per ½ oz.; oz., 35c.; $1.10 per ¼ lb.

Tomato, or Squash. Upright growth; fruit small and shaped like a tomato; mild flavor. Pkt., 10c.; 20c. per ½ oz.; oz., 35c.; $1.20 per ¼ lb.

World Beater. This variety is very similar to Ruby Giant, but grows slightly larger; very meaty. Choice seed, grown in New Jersey. Pkt., 10c.; 25c. per ½ oz.; oz., 40c.; $1.35 per ¼ lb.

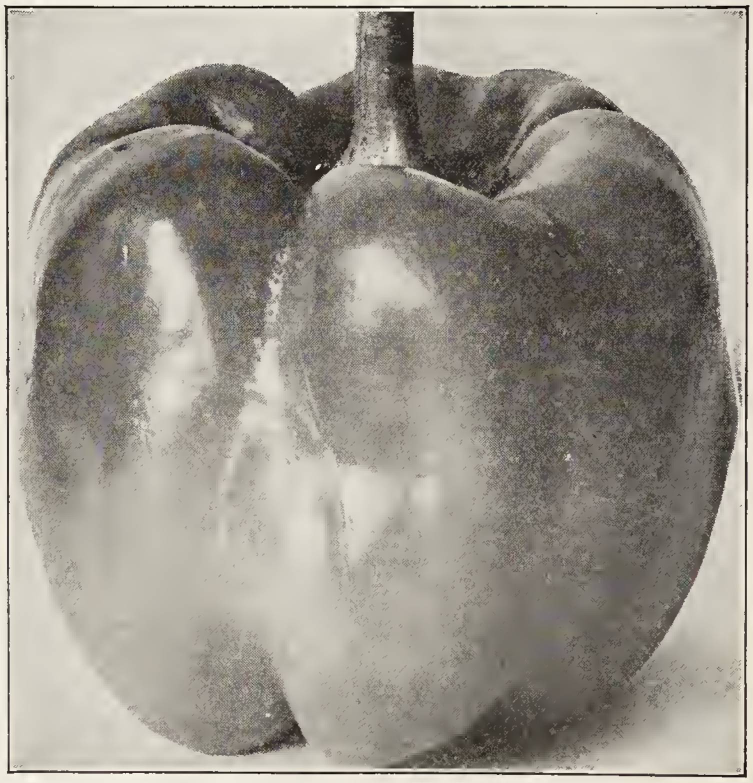
PEPPER PLANTS (Ready in May)

Pot Grown Plants. Per doz., 75c.; $6.00 per 100. Not mailable.

PENNYROYAL (Herb)

Pkt., 15c.; 40c. per ½ oz.; oz., 75c.

Note—All seed offered on this page mailed free at quoted prices.



Harris' Early Giant Pepper

MICHELL'S PUMPKINS

Potiron (Fr.); Kurbis (Ger.); Zucca (Ital.)

One ounce will plant 25 to 50 hills; 4 to 5 lbs. for an acre.

Plant any time after the ground has become permanently warm, about four seeds to the hill, the latter to be about 8 feet apart each way. To obtain strong vines, they may be pinched back somewhat and if large specimens are desired, leave but one or two pumpkins on a vine. Do not plant near other vine crops, as they may hybridize the latter and spoil the taste; they can also be planted among corn after the last working.

Connecticut or Common Field. Shape almost round; fruits produced in great abundance; color light yellow; flesh coarse and suitable only for stock feeding. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; 85c. per lb.

Japanese Pie. A crook-necked variety; deep green with darker stripes, which turn to a rich golden yellow. The fruit sets and matures early. The name given to it is derived from the seed, which is curiously marked like Japanese letters of the alphabet. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; $1.25 per lb.

King of the Mammoths. This variety grows to an enormous size; orange-salmon skin, bright yellow flesh, fine grained and of excellent quality for pies. Pkt., 10c.; 25c. per oz.; ¼ lb., 65c.; $2.00 per lb.

Large Cheese. A very large, flat ribbed fruit, of a beautiful, buff yellow color; the interior is of fine quality. An enormous producer; ideal for market, home gardens and canning purposes. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; 75c. per lb.

Mammoth Cashaw or Golden Crook Neck. Very meaty, suitable for pie or stock feeding purposes; flesh golden yellow and very tender. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; $1.25 per lb.

Pumpkin, King of the Mammoths

Tennessee Sweet Potato. An oblong-shaped, medium-sized fruit, with a very light buff yellow skin. For pies it is delicious, while for cooking for table use it is dry and tasty. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; $1.25 per lb.

Winter Luxury. Known as the New England pie pumpkin. The skin is a russet yellow, while the flesh is golden orange when ripe. This is also used for making Jack-o-Lanterns, for which purpose it is well suited, on account of its very round and symmetrical shape. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; $1.25 per lb.

Pumpkin Seed for medicinal purposes, 40c. per lb.

NOTE—All seeds on this page sent postpaid at quoted prices.

PEANUTS

Arachide (Fr.); Erdnuss (Ger.); Cece de terra (Ital.)

One bushel nuts unshelled will plant an acre, but shell must be removed beforehand.

It is generally believed peanuts cannot be grown anywhere north of Virginia, but this is a mistake; most any well-drained garden soil suits them, where they will yield a big crop. The peanut plant rather enriches the soil instead of impoverishing it, as it is an abundant gatherer of free nitrogen.

Selected Virginia. ½ lb., 20c.; 35c. per lb.; 5 lbs., $1.50; $2.50 per 10 lbs.

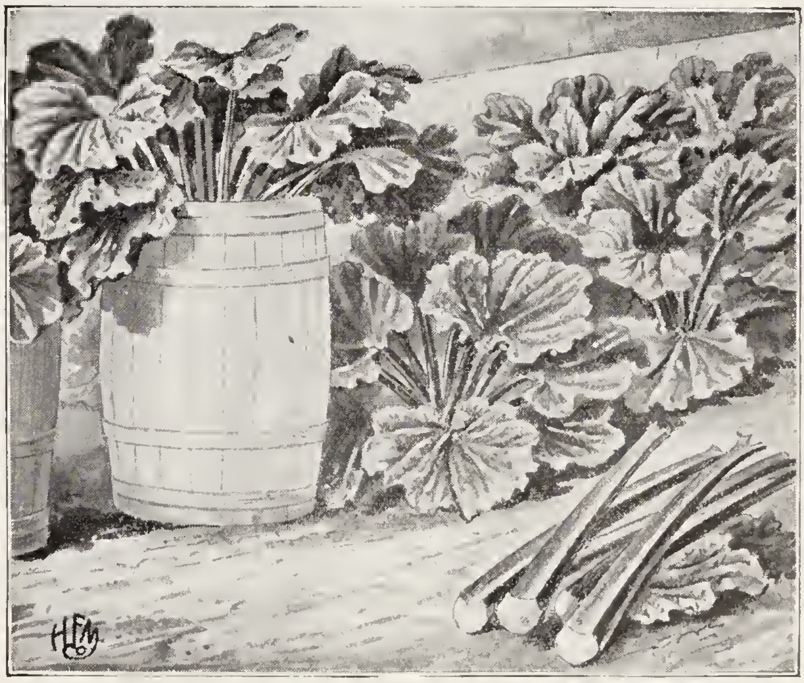
RHUBARB

Rhubarbe (Fr.); Rhabarber (Ger.); Rabarbaro (Ital.)

One ounce will sow a row 125 feet long.

Seed should be sown early in the Spring, in shallow drills 1 foot apart; thin out to stand 4 to 5 inches apart in the row. In the Fall or following Spring the roots should be transplanted into permanent beds and placed 3 feet apart each way; the year following that, or two years after sowing the seed, the rhubarb may be used. Roots may be planted in the Spring up to May 15th.

Victoria. Immense long stalks of a cherry-red color; a most popular variety. Pkt., 10c.; 20c. per oz.; ¼ lb., 60c.



Rhubarb

RHUBARB ROOTS

Ready April 1st for Spring planting; October 1st for Fall planting.

Victoria. 3 for 50c. (by parcel post, 60c.); $1.50 per doz. (by parcel post, $1.75); per 100, $10.00.

MICHELL'S SELECT RADISH SEED

Radis (Fr.); Radies (Ger.); Ravanelli (Ital.)

One ounce of seed will sow a row about 75 feet long; 8 to 10 lbs. are required for an acre.

Radishes should be sown in good rich ground, where they can make rapid growth, for then only do they produce the best results. Early sowings can be made as soon as frost is out of the ground. The Winter radishes are sown in July and are developed by Autumn, at which time they may be taken up and stored in a cool cellar and covered with sand.

Radish, Early Scarlet or Cardinal Globe

EARLY VARIETIES

Crimson Giant. Early, globe shaped and of large size; crisp, solid flesh; remains a long time without getting pithy. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; $1.00 per lb.

Early Scarlet or Cardinal Globe (*For outside sowing*). This popular radish will be welcomed readily in an improved form; the color and shape, a vivid scarlet oval form, are perfect. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; $1.00 per lb.

Early Scarlet Globe (*Short Top, Special Forcing*). A popular variety for hotbed or greenhouse; also valuable for outdoor planting; very early, crisp and mild. Pkt., 10c.; 15c. per oz.; ¼ lb., 40c.; $1.10 per lb.

French Breakfast. Oblong shape; rapid grower; very mild and tender; of a beautiful scarlet color, tipped with white; good for open ground or forcing. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; $1.00 per lb.

Icicle. A magnificent white variety of fine taste; grows 3½ to 4 in. long in 22 days. Valuable for forcing as well as for open ground. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; $1.00 per lb.

Long Scarlet Short Top. A favorite variety; long, bright scarlet with small top; excellent quality. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; $1.00 per lb.

Round Red or Button. One of the earliest varieties, maturing very quickly; splendid for hotbed or garden culture; flesh white, mild and tender. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; $1.00 per lb.

Philadelphia White Box. A selection of the old reliable White Box radish; more perfect form, producing shorter tops and does not have a tendency to grow long in shape. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; $1.00 per lb.

Scarlet Turnip, White Tipped. Fine early scarlet variety with white tip. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; $1.00 per lb.

SUMMER AND WINTER VARIETIES

Celestial, or White Chinese. Large size, pure white, excellent keeper. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; $1.00 per lb.

China Rose. Bright rose color, flesh firm; one of the best for Winter use. Half-long in shape with a scarlet blunt tip. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; $1.00 per lb.

Long Black Spanish. Of large size; skin black, flesh white, very firm. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; $1.00 per lb.

Round Black Spanish. Large size; thick black skin and pure white flesh. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; $1.00 per lb.

White Strasburg. Oblong; of a pure white color and mild flavor; a splendid variety for Summer. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; $1.00 per lb.

ITALIAN ROCKET OR RUCOLA

Greatly relished in salads and quite tasty in soups; the leaves, which are of a dark green color, greatly resemble sorrel; slightly pungent, but flavor is distinct and appetizing. Pkt., 10c.; 20c. per oz.; ¼ lb., 60c.

ROSEMARY (Herb)

Pkt., 15c.; 40c. per ½ oz.; oz., 75c.

RUTA BAGA See page 78.

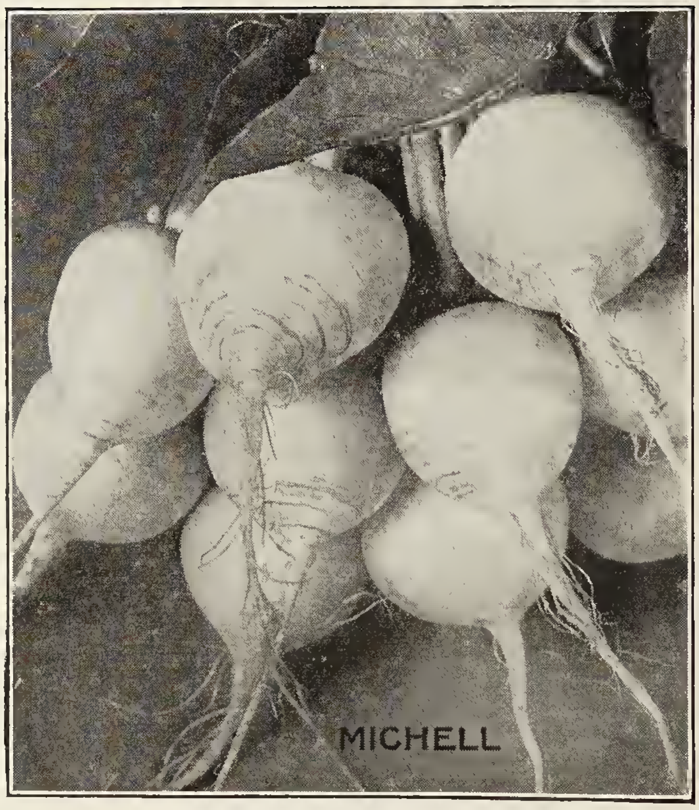
SAFFRON (Herb)

Pkt., 10c.; 30c. per ½ oz.; oz., 50c.

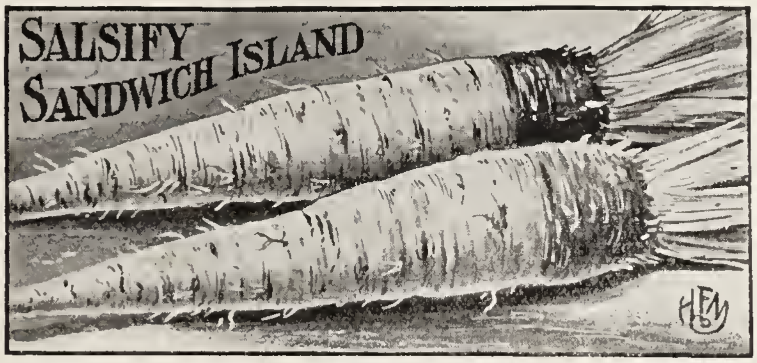
SAGE (Herb)

Pkt., 10c.; 25c. per ½ oz.; oz., 40c.

All seeds on this page mailed post free at prices quoted.



Radish, Philadelphia White Box



SALSIFY (Oyster Plant)

Salsifis (Fr.); Hafer Wurzel (Ger.); Salsefia (Ital.)

One ounce of seed to 50 feet of drill; 10 lbs. per acre.

Sow in early Spring, in drills fifteen inches apart and one to two inches deep; when about 4 inches high, thin to three inches apart. Soil should be deep and mellow in order that the root may grow straight down. Store same as carrots for Winter use, or they can be left in the ground until Spring.

Mammoth Sandwich Island. Of enormous size, very tender and delicious. Pkt., 10c.; 25c. per oz.; ¼ lb., 65c.; $2.00 per lb.

SAVORY (Herb)

Summer. Pkt., 10c.; 20c. per ½ oz.; oz., 35c.

Winter. Pkt., 10c.; 30c. per ½ oz.; oz., 50c.

SHALLOTS See page 68.

SORREL

Oseille (Fr.); Sauerampfer (Ger.); Acetosa (Ital.)

Broad Leaved French. Relished principally by the French people, who use it as a spinach dressing, also as a salad; has an acid flavor. Sow seed in the Spring in good light soil in shallow drills 1 foot apart; thin out to 4 inches apart in the row. The seed stalks should be cut off when they appear. Pkt., 10c.; 20c. per oz.; ¼ lb., 60c.; $2.00 per lb.

CUPROCIDE

(Cuprous Oxide)

A seed protectant for treating Spinach seed before sowing, to prevent the fungous disease known as damping off. Use at the rate of two teaspoonfuls to one pound of seed. Per lb., 90c.; $4.00 per 5 lbs.; 20 lbs., $14.00; $25.00 per 50 lbs.; 200 lb. drums, $77.00.

Spinach, New Zealand

SPINACH

Epinard (Fr.); Spinat (Ger.); Spinaccio (Ital.)

One ounce will sow a row about 75 feet long; 10 to 12 pounds are required for an acre.

Sow for Spring use, in drills one foot apart (covering the seed about one-half inch) as early as the ground can be worked and continue to sow every two weeks till May 15th. Spinach seed seldom germinates during June, July or August, so we do not recommend sowing again until September, which is the season to provide an early Winter and Spring crop. On the approach of cold weather cover with long manure, straw or other litter. Spinach can also be grown successfully under hotbed sash.

Spinach, Bloomsdale Long Standing Savoy

Bloomsdale Long Standing Savoy. The long standing characteristics of this variety make it valuable for Spring sowing; it will stand considerable heat before bolting to seed, the leaves are thick, crimped and fleshy. 10c. per oz.; ¼ lb., 25c.; 55c. per lb.; 5 lbs., $2.50; $4.50 per 10 lbs.

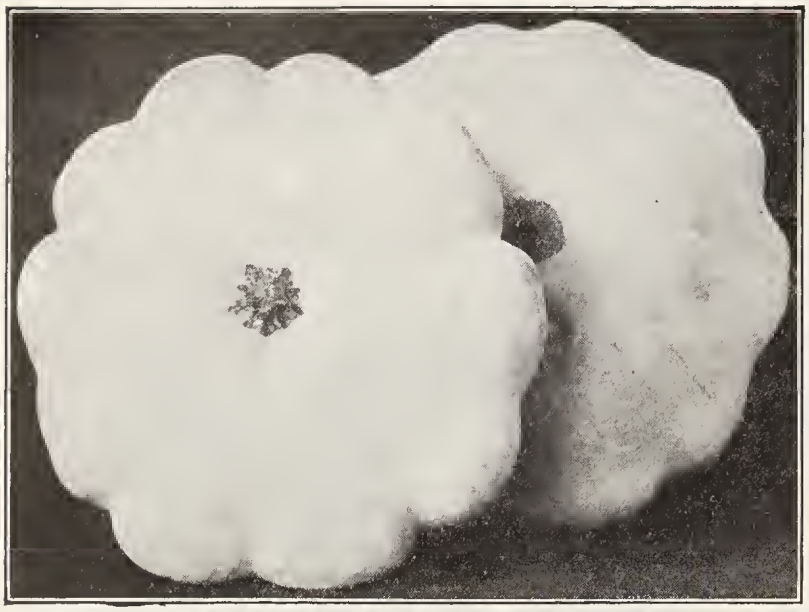
King of Denmark. A new and remarkable variety; stands a long while without running to seed; large yielder and of excellent quality. The leaves are large, rounded, slightly blistered and deep green. 10c. per oz.; ¼ lb., 25c.; 55c. per lb.; 5 lbs., $2.50; $4.50 per 10 lbs.

Long Season. Large plants and leaves, which are strong, robust and crinkled; will resist a great deal of heat without shooting to seed. 10c. per oz.; ¼ lb., 25c.; 55c. per lb.; 5 lbs. for $2.50; $4.50 per 10 lbs.

Market Gardeners. This variety is the highest perfection of the Spinach family, a decided improvement on all other kinds. Leaves broad, heavy and of a dark green, glossy color, heavily blistered; will stand a week or ten days longer without shooting to seed than any variety we know of. 10c. per oz.; ¼ lb., 25c.; 55c. per lb.; 5 lbs., $2.50; $4.50 per 10 lbs.

New Zealand. This variety endures heat and drought; excellent for Summer use; leaves small and thick. Heavy yielder, growing upright; one sowing can be picked from throughout the entire Summer. A very distinct variety. In order to get a successful germination of seed, it should be soaked in warm water for about 12 hours before sowing. Do not confuse this variety with other sorts, as the seed should be sown about May 15th. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; 90c. per lb.

All seeds on this page mailed postpaid at prices quoted.



Squash, Mammoth White Bush

SQUASH

Courge (Fr.); Kurbis (Ger.); Zucca (Ital.)

One ounce will plant 20 to 50 hills, 3 to 4 lbs. for one acre.

This vegetable is a popular one for Summer and Winter use and being susceptible to cold it should not be planted until the ground is thoroughly warm. The bush sorts should be planted in hills 4 to 5 feet apart each way; the running varieties 8 to 12 feet apart. Place 8 to 10 seeds in a hill, and when the third stage of leaves are set, thin out to about 4 plants in a hill.

SUMMER VARIETIES

Cocozelle or Italian. A bush variety with long, smooth fruits, dark green, striped lighter; elegant for slicing and frying as you do egg plant. Pkt., 10c.; 15c. per oz.; ¼ lb., 40c.; $1.25 per lb.

Giant Yellow Summer Crookneck. Shaped like a club with a bent neck. The skin is very rough and warted and of an orange yellow color. This is a running variety. Pkt., 10c.; 15c. per oz.; ¼ lb., 40c.; $1.25 per lb.

Mammoth White Bush. Of round scalloped form with an ivory white skin; has an abundance of meat of very fine flavor; one of the earliest to mature and is very prolific. Pkt., 10c.; 15c. per oz.; ¼ lb., 40c.; $1.25 per lb.

Zucchini. An Italian variety of the Cocozelle type; fruits 12 to 14 inches long; skin green, mottled yellow when matured; delicious flavor. Pkt., 10c.; 15c. per oz.; ¼ lb., 40c.; $1.25 per lb.

FALL AND WINTER VARIETIES

Blue Hubbard. A new variety and a selection from the original Hubbard. The fruit is of a gray blue color; grows large, is a remarkably good keeper and of excellent quality. Pkt., 10c.; 20c. per oz.; ¼ lb., 45c.; $1.50 per lb.

Boston Marrow. Shaped similar to Hubbard; color, golden orange; fine for canning for Winter use, cooked as a vegetable or in pie. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; $1.00 per lb.

Delicious. Well named, as it has the finest flavor of any squash; of oblong shape, with deep green skin and thin rind, and with a very small seed cavity. One of the best Winter keepers. Pkt., 10c.; 15c. per oz.; ¼ lb., 40c.; $1.50 per lb.

Golden Hubbard. Used extensively for pie, but served as a vegetable, it is very dry and delicious; outside deep orange red. Pkt., 10c.; 15c. per oz.; ¼ lb., 40c.; $1.25 per lb.

Hubbard (*True*). Fruits large, olive-shaped, with dark green skin and rich flesh; fine quality; excellent keeper. Pkt., 10c.; 15c. per oz.; ¼ lb., 40c.; $1.25 per lb.

SWISS CHARD

Dark Green Curled. Pkt., 10c.; 15c. per oz.; ¼ lb., 45c.; $1.10 per lb.

Giant Lucullus. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; $1.00 per lb.

For description of above see page 56

SWEET BASIL (Herb)

Used for soups and stews. Pkt., 10c.; 20c. per ½ oz.; oz., 35c.

SWEET MARJORAM (Herb)

Leaves and shoots are used for seasoning. Pkt., 10c.; 30c. per ½ oz.; oz., 50c.

TARRAGON

Fine for flavoring. Pot-grown plants. 30c. each; doz., $3.00; $20.00 per 100.

THYME (Herb)

For sauces and dressings. Seed. Pkt., 15c.; 35c. per ½ oz.; oz., 65c.

THYME PLANTS

Pot grown. 20c. each; doz., $2.00; $12.00 per 100.

TOBACCO

Many people like to have a few plants of this in the garden, it attracts butterflies. The flower is very sweet scented, while the leaves may be dried, cured and made into smoking tobacco and cigars. Sow in a box indoors and set outdoors in May.

	Pkt.	½ oz.	Oz.
Connecticut Seed Leaf. Produces large leaves, desirable for making cigars	$0.10	$0.30	$0.50
Sweet Oronoko. Good variety for home use and suitable for chewing tobacco	.10	.25	.45
Virginia Bright Leaf. Does well in light soils; suitable for pipe smoking	.10	.25	.45

All seeds (not plants) on this page sent postpaid at prices quoted.

Squash, Boston Marrow

See page 78 for complete list of Herbs

MICHELL'S SELECT TOMATO SEED

Pomme d'Amour (Fr.); **Liebsapfel** (Ger.); **Pomo d'oro** (Ital.)
One ounce will produce 3500 plants; ¼ lb. will provide enough plants for an acre.

Sow in the house or hotbed about March 1st; transplant when 3 inches high and again later to produce vigorous specimens. Set plants outdoors about May 1st in rows 3 feet apart, 18 inches in the row, or in hills 4 feet apart each way. Properly grown tomato plants should be supported. **Note.—All seeds on this page mailed postpaid at prices quoted.**

Bonny Best. One of the most prolific of early tomatoes; the size is not so large, but is very solid and evenly formed; color, bright red. Pkt., 10c.; 20c. per ½ oz.; oz., 35c.; $1.10 per ¼ lb.

Break O'Day. A development of the U. S. Dept. of Agriculture and a disease resistant variety; the vines being of open habit, permits the sun to ripen the fruit much earlier than some varieties; globular in shape, large, smooth, meaty and of a good red color. Pkt., 10c.; 30c. per ½ oz.; oz., 50c.; $1.35 per ¼ lb.

Chalk's Early Jewel. Extra early, bright red, fine flavor, very productive. 10c. per pkt.; ½ oz., 20c.; 35c. per oz.; ¼ lb., $1.10.

Crimson Cushion or Beefsteak. A vigorous grower, producing immense solid fruits, suitable for slicing or canning; very meaty. Pkt., 10c.; 30c. per ½ oz.; oz., 50c.; $1.75 per ¼ lb.

Dwarf Champion. The plant looks like a miniature tree; dwarf and compact; fruit red with a purplish cast; solid; late maturer. Pkt., 10c.; 30c. per ½ oz.; oz., 50c.; $1.75 per ¼ lb.

Dwarf Stone. A dwarf, compact plant; medium-sized, very solid fruit. Color, bright red; late cropper. Pkt., 10c.; 30c. per ½ oz.; oz., 50c.; $1.75 per ¼ lb.

Earliana (*Penn State*). One of the earliest bright red varieties; compact in growth, good yielder, fruit solid, uniform and of excellent quality. Pkt., 10c.; 25c. per ½ oz.; oz., 40c.; $1.35 per ¼ lb.

Early Detroit. A productive, early purple sort; large and smooth. Pkt., 10c.; 25c. per ½ oz.; oz., 40c.; $1.35 per ¼ lb.

Golden Ponderosa. The best large golden yellow variety; early, smooth and of excellent quality; similar in shape to the regular Ponderosa. Pkt., 15c.; 35c. per ½ oz.; oz., 55c.; $1.75 per ¼ lb.

Golden Queen. Medium yellow fruit; very sweet, almost free from acid; splendid for preserving or for slicing. Pkt., 10c.; 25c. per ½ oz.; per oz., 45c.; $1.35 per ¼ lb.

Greater Baltimore. A main crop variety; fruit large and of a brilliant red color; ripens evenly to the stem. Pkt., 10c.; 20c. per ½ oz.; oz., 35c.; $1.10 per ¼ lb.

Italian Salad. A new variety from Italy for the American people; this fine red, plum-shaped salad tomato has become quite popular, due to the fact that it is practically free from acid, very few seeds and has a flavor all its own. When served in halves or quarters on a lettuce leaf with the usual fixings it makes a very attractive dish. The plant bears very profusely until frost. Pkt., 20c.; 60c. per ½ oz.; oz., $1.00.

John Baer. Produces fruit in clusters, of good size, a beautiful red in color and nearly round in shape. Pkt., 10c.; 20c. per ½ oz.; oz., 35c.; $1.10 per ¼ lb.

June Pink. A large variety; purplish red flesh; solid and of fine texture. Pkt., 10c.; 25c. per ½ oz.; oz., 45c.; $1.35 per ¼ lb.

Livingston's Globe. A smooth pink variety; medium early; fair size, solid, and meaty; fruit set in clusters of five to seven. Pkt., 10c.; 25c. per ½ oz.; per oz., 45c.; $1.35 per ¼ lb.

Marglobe (*Usual Strain*). A variety of special merit, the origin of which is credited to the U. S. Dept. of Agriculture, it is practically immune from the many tomato diseases; color, a handsome scarlet, making it a suitable variety for all purposes; an excellent variety to follow our Penn State Earliana. Pkt., 10c.; 25c. per ½ oz.; oz., 45c.; $1.25 per ¼ lb.

Marglobe (*Special Strain*). We offer in this special strain an extra fine selection of the originator's stock. Pkt., 15c.; 35c. per ½ oz.; oz., 55c.; $1.75 per ¼ lb.

Matchless. Large red fruit; a general crop variety. Pkt., 10c.; 25c. per ½ oz.; oz., 45c.; $1.25 per ¼ lb.

Michell's Crackerjack. One of the best early tomatoes for the home garden; quite free from acid; rich red and produced in clusters. Pkt., 10c.; 35c. per ½ oz.; oz., 60c.; $2.00 per ¼ lb.

Oxheart. A main crop, pink fruited sort, popular in certain sections, due to its shape (that of a heart) and its great solidity; being a shy seeder, makes it very meaty; very little acid, quality fine; some of the fruits grow to an enormous size. Pkt., 15c.; 35c. per ½ oz.; oz., 65c.; $2.25 per ¼ lb.

Tomato, Pritchard or Scarlet Topper

Ponderosa. The largest tomato in existence; a beautiful deep pink rather uneven at times in shape. Pkt., 15c.; 35c. per ½ oz.; per oz., 60c.; $2.00 per ¼ lb.

Pritchard or Scarlet Topper (*Usual Strain*). An early variety, originated by the late Dr. Pritchard of the U. S. Dept. of Agriculture. Undoubtedly the best of all recent introductions; the shape and outside color compare favorably with Break O'Day; the inside color is darker red; a good canning sort, as well as a fine variety for slicing. Pkt., 10c.; 25c. per ½ oz.; oz., 45c.; $1.35 per ¼ lb.

Pritchard or Scarlet Topper (*Special Strain*). The seed of this strain is produced by our best local tomato grower and is superior to other strains. By constant selection, it has proven to be a few days earlier than our usual strain. Pkt., 15c.; 40c. per ½ oz.; oz., 65c.; $1.85 per ¼ lb.

Red Rock. One of the most solid varieties; of a brilliant red color; a fine one for the home or market garden. Pkt., 10c.; 20c. per ½ oz.; per oz., 35c.; $1.10 per ¼ lb.

Rutger's. A new introduction by the New Jersey Agricultural College. The parent plants are Marglobe and J. T. D.; it has the same characteristics as its parents in size, color and shape, excepting it is somewhat flatter at the stem end; it ripens at about the same time as Marglobe and is very productive; an excellent main crop variety. Pkt., 10c.; 30c. per ½ oz.; oz., 50c.; $1.60 per ¼ lb.

Stone. An old-time favorite; large handsome red fruit with smooth skin; recommended for a main crop. Pkt., 10c.; 20c. per ½ oz.; per oz., 35c.; $1.00 per ¼ lb.

FORCING TOMATOES

	Pkt.	½ oz.	Oz.	¼ lb.
Bides Recruit. Medium size, bright red	$0.15	$0.35	$0.60	
Comet. Deep scarlet; medium size	.10	.30	.50	$1.85
Lloyd Forcing. Red; very productive	.50	1.15	2.00	

Sutton's Perfection (*Imported*). Original pkt., $1.25; $3.60 for 3 pkts.

SMALL FRUITED TOMATOES

Red Cherry. Pkt., 15c.; 35c. per ½ oz.; oz., 60c.
Red Peach. Pkt., 15c.; 35c. per ½ oz.; oz., 60.
Red Plum. Pkt., 15c.; 35c. per ½ oz.; oz., 60c.
Yellow Plum. Pkt., 15c.; 35c. per ½ oz.; oz., 60c.
Strawberry or Husk. Pkt., 10c.; 35c. per ½ oz.; oz., 60c.

TOMATO PLANTS (Ready in April)

Pot Grown. Per doz., 75c.; $5.50 per 100 (not mailable).

Tomato Culture (Tracy) 150 pages. Price, $1.10

MICHELL'S TURNIP AND RUTA BAGA SEED

Herbst Ruben (Ger.); Navet (Fr.); Navone, Rapa (Ital.)

One ounce of seed for 100 feet of drill; two lbs. per acre, broadcast

For early use sow the small sorts as soon as the ground can be worked in the Spring in drills 14 inches apart. As the seed is fine it should be covered but slightly, except in very dry weather. Do not sow too thickly, so the roots can develop. For Fall and Winter use sow broadcast from the middle of July to the middle of August.

Purple Top White Globe Turnips

TURNIP

Cow Horn. A long white variety. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; 75c. per lb.; 5 lbs., $3.50.

Early Purple Top Flat. One of the most popular of the early varieties; root clear white, purple top; good quality. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; 75c. per lb.; 5 lbs., $3.50.

Early White Flat Dutch (*Strap Leaf*). An attractive variety, producing a medium size root; very early and of fine quality. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; 75c. per lb.; 5 lbs., $3.50.

Golden Ball. Medium size, globe-shaped; excellent flavor. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; 75c. per lb.; 5 lbs., $3.50.

Japanese Foliage. A two-purpose variety, the tops are equal to the best Spinach; the roots are pure white and of fine flavor. Pkt., 10c.; 15c. per oz.; ¼ lb., 40c.; $1.25 per lb.; 5 lbs., $6.00.

Purple Top White Globe. Large root, skin purple at top, white at bottom; a good table and market variety. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; 75c. per lb.; 5 lbs., $3.50.

Snowball. A pure white globe variety; very early. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; 75c. per lb.; 5 lbs., $3.50.

Southern Seven Top. For Winter greens chiefly; extensively sown in the South. Pkt., 10c.; 15c. per oz.; ¼ lb., 25c.; 65c. per lb.; 5 lbs., $2.75.

Yellow Globe or Amber. Shaped like the Purple Top Globe, but the color is like that of a Yellow Ruta Baga. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; 75c. per lb.; 5 lbs., $3.50.

RUTA BAGA

Ruta Bagas should be sown in drills about 30 inches apart and when 3 inches high thinned out to get the greatest root development. They need to be cultivated liberally and hilled up when about 6 inches high.

Customers frequently complain that Ruta Bagas grow too long in shape, rather than in a round form. Careful inquiry has developed the fact that this is caused by sowing the seed too early.

In the locality of Philadelphia and New York the seed should be sown from July 15th to August 1st. Seed sown earlier than this invariably produces the long shaped roots with long stems.

American Purple Top Yellow (*Special Strain*). This strain is at least 8 to 10 days earlier than our usual strain; the roots are mostly round with a small tap root; yellow in color, with purple crown; flesh amber colored, sweet and free from fiber; tops medium size and of a smoky green color. This strain is of very rapid growth; seed can be sown much later than other strains and yet develop a large root before freezing weather. Pkt., 15c.; 25c. per oz.; ¼ lb., 65c.; $2.00 per lb.; 5 lbs., $9.75.

Purple Top Yellow (*Usual Strain*). Top is purple, the bottom yellow. It brings a high price when sold in the market on account of its shape. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; 75c. per lb.; 5 lbs., $3.50.

NOTE—All seed offered on this page mailed free at quoted prices.

SEEDS OF CULINARY AND MEDICINAL HERBS

There is an increasing interest in herbs today and Herb Gardens are becoming quite popular; the majority of them are very easy to grow and therefore should be grown more extensively than they are.

For Winter use, they should be cut just as they come into flower, tied in bunches and hung in a light, airy place indoors, where they can be available any time.

	Pkt.	½ oz.	Oz.
Anise	$0.10		$0.35
Basil, Sweet	.10	$0.20	.35
Borage	.10		.35
Caraway	.10		.25
***Catnip**	.20		
***Chamomile**	.15	.35	.60
***Chives**	.15	.40	.75
Coriander	.10		.25
Dill	$0.10		$0.25
Fennel, Sweet	.10		.20
Finocchio, or Florence Fennel	.10		.25
***Lavender**	.10		.40
***Mint, Peppermint**	.25		
***Pennyroyal**	.15	$0.40	.75
***Rosemary**	.15	.40	.75
Saffron	$0.10	$0.30	$0.50
***Sage**	.10	.25	.40
Savory, Summer	.10	.20	.35
***Savory, Winter**	.10	.30	.50
Sweet Marjoram	.10	.30	.50
***Thyme.** Broad leaved	.15	.35	.65

*Varieties are hardy or perennial, while others must be sown each season.

COLLECTIONS OF HERBS

In order to meet the demand for a few of the most popular varieties in annual and perennial sorts we offer the following collections:

ANNUALS

Anise
Caraway
Coriander
Summer Savory
Sweet Basil
Sweet Marjoram

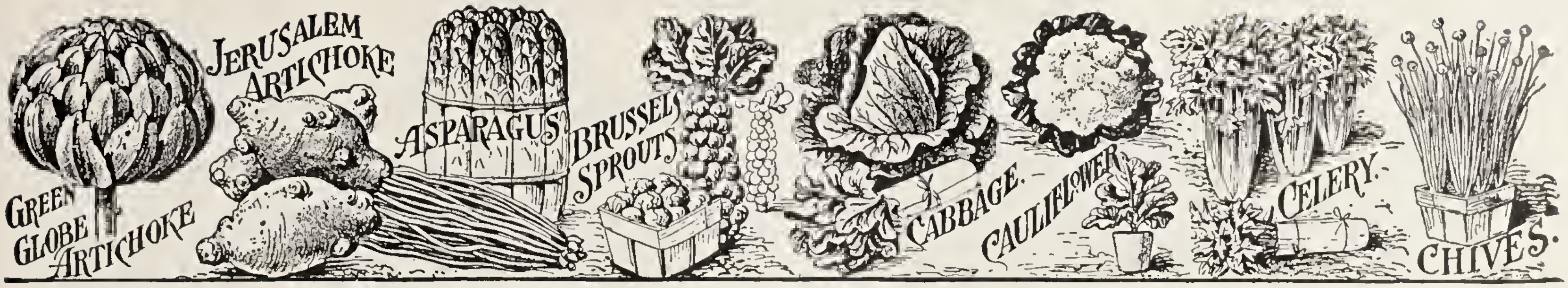
One pkt. each of the 6 varieties, for 50c.

PERENNIALS

Chives
Mint
Rosemary
Sage
Thyme
Winter Savory

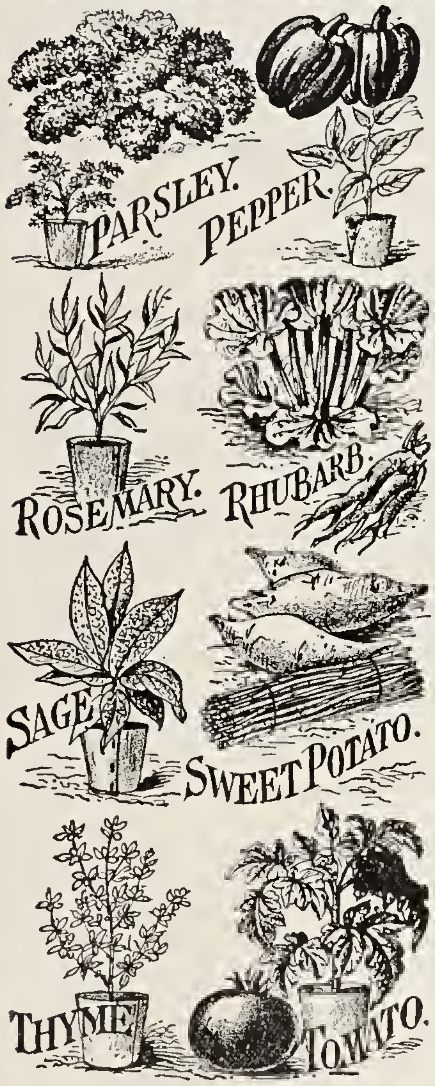
One pkt. each of the 6 varieties, for 75c.

See page 51 for complete collections of Vegetable Seeds



VEGETABLE AND HERB PLANTS AND ROOTS

We have fresh supplies of this stock in daily, during the season of planting; we grow them at our own nurseries, and in extra good quality.



ARTICHOKES (Ready in April)

Green Globe. Pot Grown. $1.50 per doz.; 25 for $3.00; $10.00 per 100 (by express only).

Jerusalem. Used for table and stock feeding. 20c. per lb. (by P. P., 30c.); 90c. per 5 lbs. (by P. P., $1.05); 10 lbs., $1.60 (by P. P., $1.80); $3.50 per 25 lbs.; 50 lbs., $6.50.

ASPARAGUS ROOTS
(Ready about March 20th for Spring planting; about October 10th for Fall planting)

The two-year-old-roots usually produce two years after planting; our stock is especially fine in quality.

2-Year-Old-Roots	50	100	1000
Palmetto or Eclipse	$0.70	$1.25	$10.00
Giant Washington	.85	1.40	11.00

If above are wanted by parcel post add 10c. for 50; 15c. per 100 for postage.

BRUSSELS SPROUTS (Ready in July)

Matchless Improved (*Hotbed Grown*). 25 for 30c. (by P. P., 40c.); $1.00 per 100 (by P. P., $1.15); per 1000, $6.50.

CABBAGE PLANTS

Early Sorts. From Hotbeds. Wakefield and All Head only. Ready April 15th. 75c. per 100 (by P. P., 85c.); per 1000, $6.50.

Early Sorts. Cold frame plants. Ready April 1st. $1.00 per 100 (by P. P., $1.10); per 1000, $8.50.

Late Sorts. Ready July 1st, in Late Flat Dutch, Danish Ball Head and Red Dutch Drumhead varieties only. Per 100, 75c. (by P. P., 85c.); $5.50 per 1000.

CAULIFLOWER PLANTS
(Ready April 1st)

Snowball variety only. Pot-grown, 10c. each; doz., $1.00; $6.00 per 100. Not mailable.

CELERY PLANTS (Ready in July)

White Plume, Giant Pascal, Winter Queen and Golden Self Blanching. 60c. per 100 (by P. P., 75c.); per 1000, $5.50.

CHIVES (Ready in April)

Strong Plants. 20c. each; doz., $2.00; $12.00 per 100.

EGG PLANTS (Ready after May 15th)

Pot-grown stock only.

New York Improved and Black Beauty. Per doz., 75c.; $6.00 per 100. Not mailable.

HOP VINE (Hardy)

This makes a valuable shade plant, grown on arbors, trellises, etc.

Strong Pot-grown Plants. 25c. each; doz., $2.50; $18.00 per 100.

HORSERADISH ROOTS
(Ready in March)

Maliner Kren (*Bohemian*). Large, strong cuttings, 25c. per doz. (by P. P., 35c.); per 100, $1.35 (by P. P., $1.50); $9.00 per 1000.

LAVENDER (Ready in April)

Pot-grown plants, 30c. each; doz., $3.00; $20.00 per 100.

LETTUCE PLANTS

Heading varieties; our selection only. 25 for 25c. (by P. P., 40c.); 75c. per 100 (by P. P., 95c.); per 1000, $6.00.

MINT (Hardy) (Ready in April)

Peppermint **Spearmint**

Pot-grown plants. 20c. each; doz., $2.00; $12.00 per 100.

PARSLEY PLANTS (Ready in April)

Pot-grown. Per doz., $1.00; $7.00 per 100. Not mailable.

PEPPER PLANTS (Ready in May)

Bull Nose and Ruby King varieties only.

Pot-grown plants. Per doz., 75c.; $6.00 per 100. Not mailable.

RHUBARB ROOTS
(Ready April 1st for Spring planting; October 1st for Fall planting)

Victoria. 3 for 50c. (by P. P., 60c.); $1.50 per doz. (by P. P., $1.75); per 100, $10.00.

ROSEMARY (Perennial)
(Ready in April)

Pot-grown plants. 30c. each; doz., $3.00; $20.00 per 100.

SAGE (Hardy) (Ready in April)

Holt's Mammoth. Pot-grown plants. 20c. each; doz., $2.00; $12.00 per 100.

SWEET POTATO PLANTS
(Ready in June)

Yellow and Red Nansemond. 75c. per 100 (by P. P., 90c.); 1000, $5.00. Not less than 100 plants of a variety can be furnished.

TARRAGON (Ready in April)

Hardy if given protection in winter. Pot-grown plants. 30c. each; doz., $3.00; $20.00 per 100.

THYME (Hardy) (Ready in April)

English Broad Leaved. This is almost an indispensable herb. Pot-grown plants. 20c. each; doz., $2.00; $12.00 per 100.

TOMATO PLANTS
(Ready after April 15th)

Pot-grown Plants. Early and late varieties. Per doz., 75c.; $5.50 per 100. Not mailable.

SPECIAL NOTICE

We regret that it is not practicable to ship **Pot Grown Plants of Cauliflower, Pepper, Parsley, Egg Plants and Tomatoes via Parcel Post.**

The foliage of these plants is very soft and tender and from experience (largely because of delays in the mail service) they reach their destination in a worthless condition.

Nor can we ship any of the above-mentioned plants outside the Beetle zone.

Descriptions of the above will be found under their respective headings (wn)

SEED DISINFECTANTS

Control Seed-borne Diseases of Farm and Garden Crops; Stimulate Germination—Improve Stands; Generally Produce Increased Yields of Higher Quality

NEW IMPROVED CERESAN

A new low cost grain disinfectant

Effective in controlling burnt or stinking smut of wheat, covered smut and stripe of barley and oat smuts; frequently improves the stand and yield of grain per acre; seed should be treated 24 hours before planting. One pound treats 32 bushels of wheat, oats or barley.

Prices for New Improved Ceresan

1 lb.	$0.75	5 lbs.	$3.00

CERESAN (2 per cent)

Long a standard treatment for oats, barley, sorghums, millet, flax, peas, cotton and narcissus. Easy to apply, economical to use.

Prices for Ceresan (2%)

1 lb.	$0.75	25 lbs.	$12.50
5 lbs.	3.00	100 lbs.	49.00

NEW IMPROVED SEMESAN JR.

for seed field and sweet corn

The New Improved Semesan Jr. formula protects the seed from rotting in the ground and makes possible earlier planting which generally results in increased yields. Improves germination, controls certain diseases, and increases yields, *at a cost of less than 3c. an acre.*

Prices for New Improved Semesan Jr.

4 oz.	$0.35	5 lbs.	$4.75
1 lb.	1.00	25 lbs.	23.25
100 lbs.	$90.00		

NU-GREEN

Nu-Green contains the same valuable ingredients as Semesan but has the added property of quickly restoring the diseased grass to its normal, healthy condition where soil fertility is not already suited to its rapid recovery.

Prices for Nu-Green

3 oz.	$0.50	5 lbs.	$7.00
1 lb.	1.65	25 lbs.	30.00
100 lbs.	$115.00		

NEW IMPROVED SEMESAN BEL

for seed white and sweet potatoes

Simply mix, dip, drain, dry and your seed potatoes are ready for planting. May be used on either whole or cut seed pieces; effectively controls such seed-borne disease organisms as scab, rhizoctonia and black-leg. By controlling these diseases, germination is generally increased, stand improved and the resultant crop bigger and of better quality. One pound treats 16 to 20 bushels of seed.

Prices for New Improved Semesan Bel

4 oz.	$0.50	5 lbs.	$7.00
1 lb.	1.65	25 lbs.	31.25
100 lbs.	$120.00		

SEMESAN

for flower and vegetable seeds, also for lawns

Semesan may be applied in dust or liquid form to the seed before planting. It is harmless to the seed but deadly to disease organisms that may be on the seed. Semesan is such a powerful and effective disinfectant that seed treatment with it is ridiculously low in cost, ranging from ¼c. to 1c. per pound of seed. One ounce treats 15 lbs. of seed. Effective in controlling damping off and such devastating gladiolus diseases as hard rot and scab. Also the most effective means of controlling "Brown Patch" which attacks the turf of golf courses, tennis courts and lawns.

Prices for Semesan

2 oz.	$0.50	5 lbs.	$11.75
1 lb.	2.50	25 lbs.	46.25
100 lbs.	$180.00		

SPECIAL SEMESAN

A new low cost grass disinfectant for the prevention and control of Brown Patch.

Prices for Special Semesan

5 lbs.	$10.00	25 lbs.	$42.50
100 lbs.	$165.00		

Small quantities of above can be sent by parcel post.

STIMUGERM

The Best Inoculation for All Legume Seeds Means Better Crops, Better Soils, Less Fertilizer Expense.

Alfalfa, Clovers, Soy Beans, Cow Peas, Vetch, Peanuts, all thrive into bumper crops when properly inoculated with STIMUGERM pure-bred cultures.

WHAT STIMUGERM JELLY IS

STIMUGERM JELLY is a pure culture of nitrogen fixing bacteria, selected for maximum vitality and ability to transform nitrogen from the air into soluble nitrates and deposit them in the soil.

EVERY BOTTLE IS DATED and guaranteed for one year.

PRICES

Alfalfa and Mixed Clovers

½ bu. unit	$0.35
1 bu. unit	.65
2½ bu. unit	1.40

SPECIAL SOY BEANS AND COW PEAS

1 bu. unit	$0.35
2 bu. unit	.65
5 bu. unit	1.40

VETCH, PEAS AND BEANS

1 bu. unit	$0.35
2 bu. unit	.65
5 bu. unit	1.40

Special Garden Size, for Garden Peas, Beans and Sweet Peas, 25c.

When ordering, be sure to state what crops you wish to inoculate, also number of bushels you will sow.

FORM-O-FUME

(Formaldehyde Dust)

Form-O-Fume will insure healthful soil for your plants

Damping-off is an infectious disease and must be treated as such. Form-O-Fume provides the most effective insurance against the "damping-off" of flower and vegetable seedlings and cuttings. It is a specially prepared formaldehyde dust, which possesses certain outstanding advantages in the prevention of damping-off. Form-O-Fume does not lump, mixes evenly and uniformly with the soil and has a beneficial effect on the soil.

Prices

1 lb.	$0.50	5 lbs.	$1.75
25 lbs.	$5.00		

FORMACIDE

A stabilized formaldehyde dust, triple strength seed and soil disinfectant, used as a control of damping off. Easy to use, inexpensive and effective; stimulates the growth of plants.

Prices

½ lb.	$0.45	25 lbs.	$5.50
1 lb.	.75	50 lbs.	9.00
5 lbs.	2.00	100 lbs.	17.00

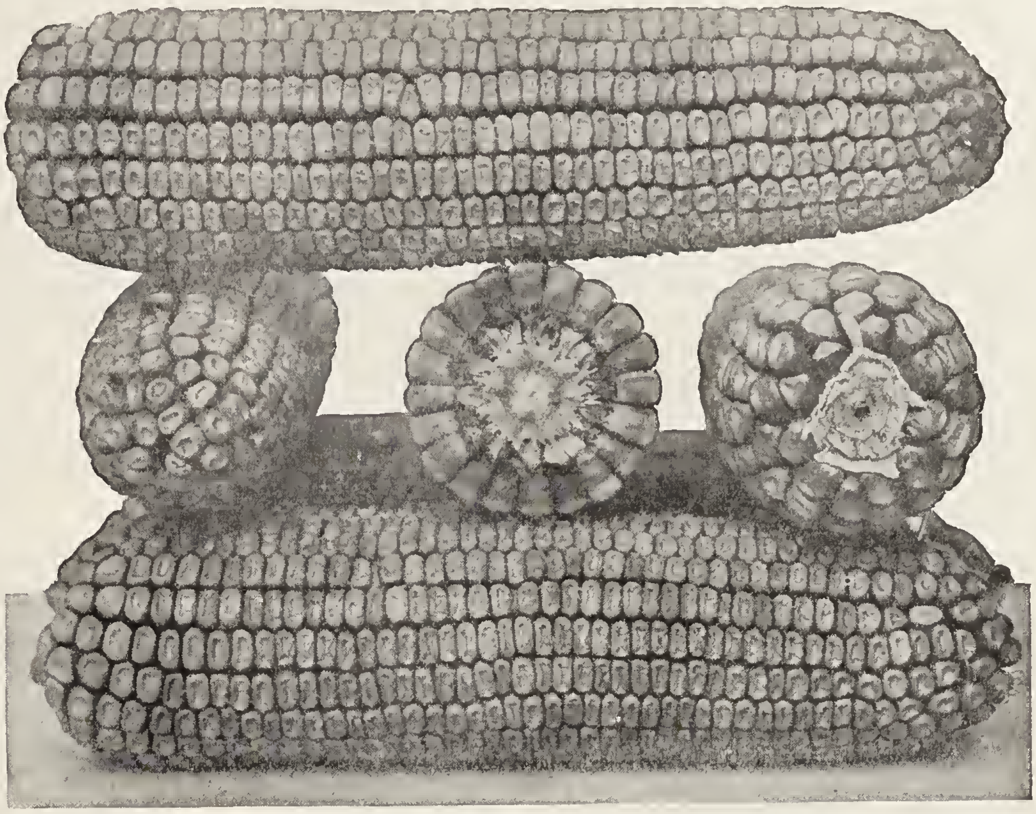
See pages 180 and 181 for complete list of Insecticides

MICHELL'S SELECTED HAND PICKED FIELD CORN

Plant 8 to 10 qts. per acre in hills for shelled corn or for silo, or sow 1½ to 2 bushels broadcast for fodder.

Our strains of corn are not the common kinds usually found in abundance on the market; we give very careful attention to selected stock, in all lines of farm seeds. This is particularly true of field corn where re-selection means the limit of crop with little or no increase in cost. Our stock is selected for size of ear and fodder, uniformity of kernel and the careful finish of the tip and butt, all of which means a considerable increase in production.

Field Corn weighs 56 lbs. per bushel.



SWEEPSTAKES FIELD CORN

Produces
125 to 150 bu. ears or 15 to 22 tons per
70 to 80 bu. grain acre for ensilage
depending on cultivation

A 90 to 100 day variety; stalks grow to a height of 10 to 12 feet and producing very large ears, 10 to 12 inches long, with extremely large grains on medium sized cob, with 12 rows of deep orange colored kernels.

Champion White Pearl. An immense yielder, maturing in about 115 days; kernels deep set and snowy white.

Early Canada Flint (*Eight Rowed*). A medium broad grained variety, perfectly smooth on the end and very hard. Makes a desirable sort for late planting. Excellent for pigeon and poultry feed. Matures in 90 days.

Eureka White Ensilage. A popular White Dent variety among dairymen; very productive of both foliage and ears. A great favorite for filling silos. Matures in 130 days.

Golden Beauty. Broad, massive golden yellow dented grains on gigantic ears. Fodder is enormous, often growing 12 feet high; matures late, but yields wonderful crops; desirable for silo and ensilage purposes. Matures in 120 days.

Improved Golden Dent. A high yielding variety of yellow dent noted for heavy production of both grain and silage. A hardy, resistant corn, producing a good ear on every stalk, with few nubbins. Ears large, rows straight, butts and tips well filled. Grains square cut, moderate in depth, with uniform dimpled dent, easily distinguishing it from other varieties. Fodder heavy and leafy, 10 to 12 feet tall; on fertile soil capable of yielding 90 bushels shelled corn or 20 tons silage per acre. Matures in 110 days.

Lancaster County Sure Crop. One of the best all-around general purpose varieties and has proved to be a most reliable and profitable corn for either husking or ensilage purposes. Grows tall; a sure cropper, producing a big ear on every stalk, very few nubbins; will yield good crops on land that is not so fertile; ears long, cob thin; top of grain rich yellow, when shelled the grain has a reddish yellow cast; matures early. Matures in 110 days.

Leaming Early Dent. Long ears of deep, uniform kernels. The cob when shelled is very small. The stalks grow about 7 feet high, very leafy, excellent for fodder and on the average will produce two ears to the stalk; occasionally crops 100 bushels to the acre. Matures in 105 days.

Reid's Yellow Dent. A splendid late variety with an average record of 100 bushels per acre; small cob, deep yellow grain. Matures in 110 days.

Price for any of the above varieties of Field Corn 20c. per qt. (by P. P., 30c.).

BARLEY

The straw is good for green feed or when cured as hay. The grain in the hull is excellent poultry feed. If wanted for hay it should be cut while the grain-head is in a soft or milky condition. Sow broadcast 1½ to 2 bushels per acre from May 15th to July 1st. 48 lbs. per bushel. Makes an ideal nurse crop for Spring sown Alfalfa, frequently yields 50 bushels per acre. 20c. per quart (by P. P., 30c.).

Treat your Barley seed with Form-O-Fume for covered smut. **See page 180.**

STANLEY'S CROW REPELLANT

Protects your corn during the period when it is most easily damaged, by ridding your crop of Crows, Pheasants, Blackbirds and other corn pulling birds and animal pests; also protects seed from rotting in the ground; insures larger yields; is non-poisonous. Per ½ pt., 60c.; $1.00 per pt.; qt., $1.75. One pint is sufficient for two bushels of seed corn.

For Corn Planters, see page 139.

BEANS, SOJA OR SOY

This valuable plant enriches the ground in which it is planted by the free nitrogen gathered from the air and which is deposited in the ground by the roots. Fodder is relished in either green or dry form by cattle. Sow 1½ bushels per acre alone, or ½ bushel Soja Beans with one bushel Cow Peas. Sow in drills 2½ feet apart, any time from the first to the last of May. If wanted for silo it will be ready for harvest about the first of September, when the pods will be well filled; yields as high as 20 tons of green food per acre. 60 lbs. per bushel.

Mammoth Yellow (*Late*). 20c. per qt. (by P. P., 35c.).

Wilson (*Early*). 20c. per qt. (by P. P., 35c.).

BROOM CORN

Sow in May, about ten pounds per acre, in drills 3 feet apart. Plants should be thinned out to stand 3 inches apart in the row.

Evergreen. Produces extremely straight brush retaining its green color well after ripening, thus commanding the highest market prices. Yields 1000 lbs. of salable brush per acre. 50 lbs. per bu. 30c. per lb. (by P. P., 40c.).

BUCKWHEAT

Japanese. In the locality of Philadelphia this is sown any time from June 1st to July 15th, one bushel broadcast to the acre. Makes a very fine quality of flour and is also largely used for poultry food. Buckwheat frequently yields as much as 80 bushels to the acre. 48 lbs. per bu. 15c. per qt. (by P. P., 25c.).

Two bushel seamless sacks, used in shipping farm seeds, in one bushel lots and over, are charged for at 30c. each; returnable at price charged if in good condition and prepaid.

Prices on Farm Seeds, in larger quantities than those listed, will be quoted upon application.

MICHELL'S
Recleaned
RED CLOVER

RECLEANED CLOVERS

Weight of Clovers, 60 lbs. per bu.

Alfalfa or Lucerne (*Medicago-Sativa*). A valuable forage crop. Sow during May, August and September, for best results, although it can be sown at other times with a possible chance of doing well. Sow not less than ½ bushel (30 lbs.) per acre, preferably with no other crop. Our seed is always over 99 per cent pure, and will invariably give the best results. Our Special Instructions on growing Alfalfa is free for the asking. **Choice Non-Irrigated Northwestern Grown Seed.** 40c. per lb. (by parcel post, 50c.).

Grimm Alfalfa. Claimed to be hardy in any and all regions; a heavy yielder and of deep rooting ability. It requires about 15 to 20 lbs. of Grimm Alfalfa to properly seed an acre. 50c. per lb. (by parcel post, 60c.).

Alsike or Swedish Clover (*Trifolium Hybridum*). One of the best for mixing with Timothy; perfectly hardy in every climate or soil condition; grows from 1 to 2 feet high; sow early in the Spring or late Summer and early Autumn, 10 to 15 lbs. per acre alone or 8 lbs. per acre with timothy. 40c. per lb. (by parcel post, 50c.).

Bokhara or Sweet Clover (*Melilotus Alba*). While extensively used as a bee food, this is a valuable variety for soiling (green manure); for sowing in Spring on lands which are later to be sown in Alfalfa, this is excellent. It grows from 3 to 5 feet high, according to soil and location; can be cut as often as three times in a season if wanted for forage. Sow 15 lbs. per acre in early Spring, alone, or 10 lbs. per acre with other crops. We handle only the true white flowering hardy variety. **Choice Hulled Seed.** 25c. per lb. (by parcel post, 35c.).

Crimson Clover (*Trifolium Incarnatum*). Used principally for soiling or green manuring. If desired for feed, cut it just before it flowers. When desired for green manure, it should be allowed to mature; its height is from 1 to 2 feet. Sow any time from April to October, the earlier the better, 20 lbs. to the acre. If sown in early Spring it can be plowed down the first year. Late Summer or Fall seeding is usually practiced. It is not hardy for more than one season and must be sown each year. 30c. per lb. (by parcel post, 40c.).

Mammoth Red Clover (*Trifolium Pratense Perenne*). Sometimes called Sapling or Pea Vine Clover and English Cow Grass. This differs from the "Medium," being of a ranker growth and yielding more fodder per acre. Sow in early Spring or in July and August, using 20 lbs. per acre alone, or with other crops 10 lbs per acre. It can be cut several times in a season. 45c. per lb. (by parcel post, 50c.).

Red Clover, Medium (*Trifolium Pratense*). More widely known and used than any other, used principally for hay purposes. Height from 18 inches to 2½ feet. Sow early in the Spring or in late Summer—July and August; if alone, 20 lbs. per acre; if with other crops, 10 lbs. per acre. A red clover field can be cut twice a season. 40c. per lb. (by parcel post, 50c.).

White Dutch or Lawn Clover (*Trifolium Repens*). This is valuable for pasturage as well as for lawns; it succeeds where other clovers and grasses fail and it seldom dies out. It can be sown at all seasons, although early Spring is best. Sow 10 to 12 lbs. per acre if alone, or 5 lbs. if sown on old turf or with other crops. 75c. per lb. (by parcel post, 85c.); 5 lbs., $3.50 (by parcel post, $3.65); $6.00 per 10 lbs. (by parcel post, $6.20); 25 lbs., $14.00; $50.00 per 100 lbs.

To secure best results all Clover Seeds should be inoculated with Stimugerm. See page 80.

CANADA FIELD PEAS

These are used for various purposes, chief among them being a very early green food; when used this way they are sown with oats about April 1st at the rate of 1½ bushels of Peas and 1½ bushels of Oats to the acre either drilled or broadcast. They may be sown successively up to July if one has the available land. Peas may also be sown alone at the rate of 3 bushels per acre and furnish excellent hay. The dried peas are extensively fed to pigeons, while when ground as meal are an excellent addition to the regular soft food of cows, sheep and horses. 60 lbs. per bu. 25c. per qt. (by parcel post, 40c.).

CORN, WHITE KAFFIR (For Seed)

The grain is used for feeding poultry and the fodder for cattle. Grows from 4 to 6 feet high, the grain being produced on the top of stalk in the shape of a brush; frequently as many as four heads of grain will be found on a single stalk. It usually ripens after the first few frosts; produces enormous crops. Can be sown as late as July at the rate of 10 lbs. per acre in drills. 56 lbs. per bu. 15c. per lb. (by P. P., 25c.).

COW PEAS

Cow peas are one of the best, largest yielding and most nutritious of the farm crops; they provide the most inexpensive method of bringing soil back to a stage of fertility. They grow in the poorest kind of soil, leaving it very rich in ammonia. In the latitude of Philadelphia sow from May 1st to July 1st, two bushels per acre broadcast, or one bushel per acre in drills. For a large crop sow the seed as late as possible. 60 lbs. per bu.

New Era. A small upright growing variety of early maturity; very prolific. 25c. per qt. (by parcel post, 40c.).

Whippoorwill. Medium early; upright growing; a variety more extensively used than any other. 25c. per qt. (by parcel post, 40c.).

FLAX

This is grown for the fibre from which linen thread is made and also for the seed from which that indispensable product, "Linseed Oil," is made. When ground it makes an excellent tonic when fed to horses, cattle and poultry. If grown to harvest seed, sow 1 bushel to the acre from May 15th to June 15th. If desired for the fibre, sow 1½ to 2 bushels per acre. 56 lbs. per bushel. 25c. per lb. (by parcel post, 35c.).

MANGEL WURZEL

Sow 5 lbs. per acre in April and May in thoroughly plowed, well-manured soil, in drills about 24 inches apart. Thin out to 12 inches apart in the row.

Golden Tankard. Per oz., 10c.; 25c. per ¼ lb.; lb., 75c.; $3.50 per 5 lbs.; 10 lbs., $6.50.

Lane's Improved White Sugar. Per oz., 10c.; 25c. per ¼ lb.; lb., 75c.; $3.50 per 5 lbs.; 10 lbs., $6.50.

Mammoth Long Red. Per oz., 10c.; 25c. per ¼ lb.; lb., 75c.; $3.50 per 5 lbs.; 10 lbs., $6.50.

See also page 56.

Prices on Clover and Farm Seeds in larger quantities than those listed, will be quoted upon application.

MILLET

Can be sown as late as July 15th and yield a tremendous crop. Also desirable for green manuring, when it should be turned under when about 10 inches high. Makes an excellent green food for stock. If used for hay it should be cut just as it matures.

Hungarian. The seed produces hay not so fine in quality as the "Golden," also fully a foot less in height; it can, however be sown some 2 weeks later. Sow 1 bushel per acre. 48 lbs. per bu. 20c. per lb. (by parcel post, 30c.).

Japanese Barnyard. This wonderful variety yields possibly more fodder than any other forage plant. Frequently as high as 12 tons of green food has been obtained from an acre. If sown early in May it may be cut twice in one season. Sow 12 lbs. per acre broadcast, any time from May 1st to June 15th. 35 lbs. per bu. 20c. per lb. (by parcel post, 30c.).

Tennessee Golden. This requires a longer season to mature than the other sorts; it produces a very fine quality of hay and makes a larger seed head. Sow 1 bu. broadcast to the acre from April 10th to July 10th. 50 lbs. per bu. 25c. per lb. (by parcel post, 35c.).

SEED OATS

We make quite a specialty of these, having them grown especially on contract for us; they are large, plump, free from weed seeds or other foreign substance, and of high vitality. Sow at the rate of 2½ to 3 bushels per acre alone or 1½ bushels with peas during April for best results. 32 lbs. per bu.

Storm King (*Pedigreed Stock*). This improved strain produces well filled heads of plump, white grains, with a slight tendency toward side growth. Straw very stiff, often measuring 5 feet in height. A heavy producer, sometimes yielding as high as 85 bushels per acre. Price, 20c. per qt. (by parcel post, 30c.).

Swedish or Washington. The long, erect straw is noted for its ability to stand up in rough weather; grains are very plump and nearly pure white in color. Price, 20c. per qt. (by parcel post, 30c.).

Welcome. A well-known and extensively grown variety; extra strong straight straw; large plump grains. Price, 15c. per qt. (by parcel post, 25c.).

Treat your Seed Oats with Form-O-Fume to control oat smut.

See page 180

RAPE

Dwarf Essex. This can be pastured 8 weeks after sowing; sow in succession, as the stock eats it close to the ground and it will not stand pasturing any great length of time. Sow 6 lbs. per acre broadcast, from April 1st to October 1st. It produces enormous crops and is ideal green manure. 50 lbs. per bu. 15c. per lb. (by parcel post, 25c.).

SUDAN GRASS

An annual, and must be sown each year. Resembles millet somewhat; stock seems to relish it; will yield from 2 to 4 tons per acre. Sow in drills or broadcast 16 to 24 lbs. per acre; several cuttings can be made from a sowing in one season. Thrives well in a season of drought. 40 lbs. per bu. Price, 30c. per lb. (by parcel post, 40c.).

SUGAR CANE or SORGHUM

Early Amber. Either green or in a cured state this makes ideal cattle food. The seed can be threshed out of the stalks and used as poultry feed. It is a tremendous producer, growing often 12 feet high; it stands the hot, dry weather and can be cut several times in one season. Sow 25 lbs. of seed to the acre in drills 3½ feet apart; 1 or 2 bushels broadcast. 50 lbs. per bu. 25c. per qt. (by parcel post, 35c.).

SUNFLOWER

Mammoth Russian. This makes a splendid poultry food, especially for Winter use, on account of its heating and fattening qualities; will yield sometimes as high as sixty bushels per acre. Sow 10 qts. per acre in drills 3 feet apart, dropping the seed about every 4 inches. Prices (subject to change); 15c. per lb. (by parcel post, 25c.); 40c. per 3 lbs. (by parcel post, 50c.); 5 lbs., 65c. (by parcel post, 80c.); $1.25 per 10 lbs. (by parcel post, $1.45); 25 lbs., $3.00.

Prices on Farm Seeds in larger quantities than those listed will be quoted upon application.

Spring Rye

RYE (for Seeding)

Spring. An excellent early green food, or for pasture; the grain is used for feeding and other purposes, while the straw is a very fine quality, making a larger yield than the Winter rye. Sow from May 1st to June 1st, 1½ bushels to the acre. 56 lbs. per bu. Don't sow Winter Rye in Spring as it will not grow at that season. 20c. per qt. (by parcel post, 30c.).

Rosen Winter Rye. Winter rye will not mature if sown in Spring. 15c. per qt. (by parcel post, 25c.).

TIMOTHY SEED

Our stocks of this important hay producing seed are especially fine; thoroughly recleaned, and free from weeds. If sown alone it requires 25 lbs. to seed an acre; if sown with wheat 12 to 15 pounds are the usual quantities. 45 lbs. per bu. 15c. per lb. (by parcel post, 25c.).

VETCHES or TARES

Winter Vetch (*Vicia Villosa*). Sometimes called Sand or Hairy Vetch. Our stock of this is the true type, which will absolutely live throughout the Winter. Sow broadcast from August 1st to October 1st at the rate of 1 bushel per acre, to which we suggest adding a bushel of Winter rye or wheat. In the Spring it can be plowed under as green manure, or when in flower cut for hay. 60 lbs. per bu. Price, 30c. per lb. (by parcel post 40c.).

Spring Vetch (*Vicia Sativa*). The seed of this is larger than the "Winter" and of a brownish gray color. It is not hardy and must therefore, be sown in the Spring during May or June, 1 to 2 bushels per acre if broadcast, and 1 bushel if in drills, with either Spring wheat, Spring rye or oats, for support. Has the same desirable features as the Winter vetch. 60 lbs. per bu. Price, 20c. per lb. (by parcel post, 30c.).

SPRING WHEAT

Marquis. A favorite sort in this locality and is used on account of its prolific, vigorous growth and early qualities. It often produces 50 bushels per acre. Sow in April or May, 1½ to 2 bushels per acre, broadcast or in drills. 60 lbs. per bu. Price, 25c. per qt. (by parcel post, 40c.).

MICHELL'S BULB NOVELTIES AND SPECIALTIES

Enhance the beauty of your garden by planting Michell's Choice Bulbs and Roots. We have taken from our general list certain new and specially meritorious varieties of bulbs which we list below and to which we call special attention.

TUBEROUS ROOTED BEGONIAS

"A shade loving plant." Transform the densely shaded and moist spots in your garden to a bower of enhancing beauty with a clump of assorted Tuberous Rooted Begonias.

They are at their best in such corners, producing blooms two to four inches in size. Our bulbs are large and produced from the finest strain.

	Each	Doz.	100
Single Mixed	$0.20	$2.15	$16.00
Double Mixed	.25	2.50	19.00
Crispa Mixed	.25	2.50	19.00

FANCY LEAVED CALADIUMS

These are grown for us by one of the leading Hybridizers. They are charming conservatory plants. Being of a tropical nature, they like a warm temperature. They do quite well outdoors during the Summer, if planted in a shaded place. The foliage covers a wide range of colors, making a grand display. The bulbs should be started in moss with plenty of bottom heat.

CHOICE NEW AND RARE NAMED VARIETIES

A selection of best highly colored and newer sorts. 35c. each; doz., $4.00 (by parcel post, $4.10); $30.00 per 100.

STANDARD NAMED HIGHLY COLORED VARIETIES

A well balanced assortment of meritorious varieties. 30c. each; doz., $3.00 (by parcel post, $3.10); $22.00 per 100.

MIXED VARIETIES

An assortment especially blended for us. 25c. each; doz., $2.50 (by parcel post, $2.60); $17.50 per 100.

GORGEOUS GLADIOLUS

NEW VARIETIES

FLAMING SWORD

Very early; color a bright scarlet-red; a very good forcer. 3 for 25c.; 75c. per doz.; per 100, $5.00.

MAID OF ORLEANS

Large white, with cream center; of perfect form; straight spike; excellent for cutting. 3 for 40c.; $1.50 per doz.; per 100, $10.00.

PICARDY

Clear flesh pink, shading to soft shrimp pink at edges of petals; the large wide open flowers are well formed and set on tall spikes. A very attractive variety. 3 for 50c.; $1.50 per doz.; per 100, $10.00.

ALBATROSS

Immense blooms; color pure white, flowers of unusual substance; one of the finest varieties grown. 3 for 45c.; $1.50 per doz.; per 100, $10.00.

MICHELL'S LARGE FLOWERING CANNAS

Cannas can be used both for bedding and border planting, producing effective results, blooming from early Summer until frost. The heights given are as they average in the Nurseries; this may vary, depending on soil, weather and climatic conditions.

If Canna Roots are wanted by parcel post, please add 20c. per dozen for postage. Single roots mailed free.

CANNAS, SELECTED VARIETIES

PLANTS ONLY

Antoine Wintzer. Dazzling crimson scarlet; trusses are large and individual florets are immense; should be in every garden; green foliage; 4½ feet.

Mrs. Herbert Hoover. Deep watermelon red; individual flowers are very large; deep green foliage; 4 feet.

Mrs. Pierre S. duPont. A very showy variety; blooms from June until frost. Color, a vivid watermelon pink, each individual flower is very large; one plant will make several heads of bloom.

Above varieties furnished in strong 4-inch pot plants only. 35c. each; doz., $3.50; $25.00 per 100.

Alphonse Bouvier. Rich velvety red; green foliage; 5 feet. Roots, 3 for 25c.; 75c. per doz.; per 100, $5.00.

Ambassador. Brilliant cherry red flowers; bronze foliage; 3½ feet. Roots, 3 for 25c.; 75c. per doz.; per 100, $5.00.

Apricot. Color, buff yellow base, with salmon pink; green foliage; 4 feet. Roots, 3 for 25c.; 90c. per doz.; per 100, $6.00.

City of Portland. A glowing pink; height, 3½ feet; foliage green. Roots, 3 for 25c.; 90c. per doz.; per 100, $6.00.

Eureka. The best white variety; free bloomer; green foliage; 4 feet. Roots, 3 for 25c.; 75c. per doz.; per 100, $5.00.

Golden Eagle. Clear golden yellow, showy trusses; green foliage; 4 feet. Roots, 3 for 25c.; 90c. per doz.; per 100, $6.00.

Hungaria. Plant dwarf and compact; flowers rich peach blossom pink; foliage green and very massive; height, 3½ feet. Roots, 3 for 25c.; 90c. per doz.; per 100, $6.00.

King Humbert. Its majestic growth is enhanced by its massive truss of coppery scarlet flowers; foliage is deep bronze; 4½ feet. Roots, 3 for 25c.; 75c. per doz.; per 100, $5.00.

King Midas. Large flowers of glittering gamboge-yellow; 5 feet. Roots, 3 for 25c.; 75c. per doz.; per 100, $5.00.

Mme. Crozy. Scarlet, bordered golden yellow; green foliage; 3 feet. Roots, 3 for 25c.; 75c. per doz.; per 100, $5.00.

Mrs. Alfred F. Conard. Color delightful salmon pink, which becomes more brilliant as the flower develops; foliage light green; 4 feet. Roots, 3 for 25c.; 90c. per doz.; per 100, $6.00.

Richard Wallace. Large, showy, pure canary yellow flowers carried on good stems; green foliage; 4½ feet. Roots, 3 for 25c.; 75c. per doz.; per 100, $5.00.

Rosamond Coles. Buds saffron orange, opening to vermilion scarlet, edged yellow; flowers large; 5 feet. Roots, 3 for 25c.; 90c. per doz.; per 100, $6.00. Strong 4-inch pot plants, 35c. each; doz., $3.50; $25.00 per 100.

The President. Rich glowing scarlet; superior in quantity and quality of bloom to any other red variety; green foliage; 4 feet. Roots, 3 for 25c.; 75c. per doz.; per 100, $5.00.

Wintzer's Colossal. One of the largest flowering varieties; bright scarlet; green foliage; 5 feet. Roots, 3 for 25c.; 90c. per doz.; per 100, $6.00.

Wyoming. Immense spikes of orange flowers; bronze foliage; 6 feet. Roots, 3 for 25c.; 75c. per doz.; per 100, $5.00.

Yellow King Humbert (*Queen Helen*). Green foliage, about 4½ feet high, with masses of golden yellow flowers, dotted red; occasionally some will be streaked red. Roots, 3 for 25c.; 75c. per doz.; per 100, $5.00.

Mixed Cannas. All colors. Roots, 3 for 20c.; 65c. per doz.; per 100, $4.50.

PRICES OF CANNA PLANTS

If plants are wanted they are ready about May 10th, and will be supplied at the following prices (except where noted), 30c. each; doz., $3.00; $20.00 per 100. Please specify if roots or plants are wanted.

Our booklet on the culture of Cannas, Dahlias and Gladiolus, free on request (wn)

Time of Shipment. Unless specially requested, tubers will be shipped March 15th to June 1st; plants May 15th to June 15th.

Culture. Dahlias are at their best during the latter part of September or early in October. To get exhibition blooms, disbud plants up to August 1st. Spade or plow the soil 12 to 18 inches deep; fertilize with well-rotted stable manure or hyper-humus; scatter about ¼ lb. of bone meal around each hill when planting. If soil is very heavy, incorporate a liberal quantity of granulated peat moss. About August 1st, apply about ½ lb. bone meal to each plant and work in thoroughly; sheep manure or potato fertilizer can be substituted for bone meal at this time to good advantage.

HOW TO KEEP DAHLIA TUBERS AFTER THEY ARE SHIPPED TO YOU IF TOO EARLY TO PLANT

Open package and leave tubers in packing material you receive them in. Do not expose to air or moisten too much; keep in a cool place, but not where they will freeze.

Free on request, our booklet on the culture of Cannas, Dahlias and Gladiolus.

NEW INTRODUCTIONS

1936 HONOR ROLL VARIETIES

I D Informal Decorative varieties. *F D* Formal Decorative varieties. *S C* Semi-Cactus varieties.

CALIFORNIA IDOL (I D)

Clear, bright self colored yellow, its size ranks it with the largest; may be grown to measure 14 inches or more across with a corresponding depth and yet it is an extremely refined flower in every sense. A 1935 introduction that has proven to be all that was anticipated when grown in the open field. Roots (stock limited), $10.00 each. Plants, $5.00 each.

JERSEY DAINTY (C)

Blooms 7 inches across and 3 inches deep; a truly dainty variety of white faintly tinged lavender, almost pure white late in the season. A prolific bloomer, with long, straight stems and dark healthy foliage; bush 5 feet in height. Plants only, $1.25 each.

MILTON J. CROSS (I D)

Beautiful coloring of apricot peach, with bright golden face. Flowers are of enormous size, measuring 12 inches across and 8 inches in depth and are held well above the foliage on long, straight, stiff stems. Winner of five medals in 1935, including three Achievement Medals. Plants only, $7.50 each.

JESSICA DRAGONETTE (S C)

Bush grows 5 feet high; blooms 12 inches across and 6 inches deep. One of the best of the 1935 introductions. Similar in form and size to Amelia Earhart, but an entirely different color, a very pretty buff, suffused peach; beautifully pointed petals; the large flowers are of perfect form; an exceptionally good grower and producing an abundance of blooms. Roots, $5.00 each. Plants, $2.50 each.

MRS. HERBERT O'CONNOR (I C)

The exceptional qualities, especially for an incurved cactus dahlia, are long slender, yet erect stems; flowers of good size, measuring 9 inches across and 5 inches deep and of an unusually bright color, which is soft rose pink, deepening at center. Dark, healthy open foliage and a profuse and continuous bloomer; bush 5½ feet high. One of the best incurved cactus introductions in recent years and we predict it as a great winner in the show rooms. Roots, $10.00 each. Plants, $5.00 each.

PRIDE OF AUTUMN (F D)

Beautifully formed large flowers of cadmium yellow, blended and overlaid orange. Excellent bush growth and an early and continuous bloomer of 9 to 10 inch flowers. Roots, $5.00 each.

ROSE BEAUTY (M F D)

A neat, truly miniature formal decorative the form of Jersey's Beauty. However, the color is a soft peach with coral suffusion; the blooms are uniform and perfect, 2½ inches across and 2 inches deep, with centers full throughout the season. Bush 2½ feet high; stems are good, which make it ideal for cutting and useful for arrangements. Best miniature decorative for 1936. Won First Prize in Penna. Horticultural Society miniature seedling class. Plants only, $1.00 each.

Dahlia, Bonny Bright. See description page 86

TREASURE CHEST (S C)

Treasure Chest produces beautiful, perfectly formed blooms about 8½ inches across and 6 inches deep as early as any variety in our fields and flowers are still perfect at frost; therefore it has won many friends. The blooms grow in water and are better after two or three days inside, making it ideal as a cut flower, beautiful for baskets and all decorations. Color a soft golden yellow, lightly suffused coral red, similar in color to a light Jane Cowl, but richer tones. Long slender stems. Plants only, $5.00 each.

YELLOWSTONE (F D)

A clear lemon-yellow of fine form; flowers average 6 to 7 inches across, held on good stems. Bushes are strong and tall, will bloom all season. Roots, $2.00 each.

DAHLIAS (ROCKWELL)

How to plant and grow them.

85 pages. Price, $1.25

Prices quoted on Dahlias on this page are postpaid

RECENT INTRODUCTIONS

I D Informal Decorative varieties. *F D* Formal Decorative varieties. *S C* Semi-Cactus varieties.

Ballego's Glory (*F D*). A Holland variety, much admired for its distinctive color, which is crimson, heavily tipped lemon yellow; the shading depends on the general weather conditions. Bush medium height of rather compact growth. Roots, 75c. each.

Bonny Bright (*F D*). The color of this beautiful new dahlia is old rose, held on splendid stems. The bushes average three feet in height and produce an abundance of blooms. It is one of the first to bloom and continues until frost, with perfectly formed, full centered flowers. See illustration, page 85. Roots, $1.50 each.

Cameo (*I D*). True coral pink, deepening towards center, petals overlaid with glistening golden sheen, reverse of petals deep rose pink; a fine exhibition flower. Roots, $2.00 each.

Dahliadel Gold (*F D*). A variety for the largest bloom class; a pleasing golden yellow, shading darker at center, with a light coral red suffusion. Strong growing bush with dark green spreading foliage. Grows extremely large naturally. Roots, $5.00 each. Plants, $2.50 each.

Dorcas Ann (*S C*). An attractive pink, with rose suffusion and sulphur-yellow shadings at center; fine for cutting and baskets. Long strong stems and a profuse bloomer. Roots, $5.00 each. Plants, $2.50 each.

Forest Fire (*I D*). One of the most spectacular dahlias introduced in years. Of an unusually artistic form; color, lemon-yellow at base of petals, heavily tipped rich scarlet and enhanced with yellow petaloids. Bush is sturdy and strong with leathery insect resistant foliage. Roots, $5.00 each. Plants, $2.50 each.

Hon. Harry Bacharach (*I D*). A magnificent dahlia and considered one of the most beautiful varieties grown. Flowers are of enormous size; color, scarlet-red, slightly tinged bronze. The flowers are carried erect on extra long, heavy stems. Roots, $3.50 each.

J. G. T. Van Tets (*C*). A true cactus variety; profuse bloomer and a very desirable variety for the garden. Roots, $1.50 each.

Lord of Autumn (*I D*). Color a rich, deep golden yellow and the formation is as wonderful as the size. A wonderful grower with stems strong and erect. Roots, $5.00 each.

Miss Belgium (*C*). Color a beautiful orange; exceptionally large blooms with good foliage and strong stems. Roots, $1.00 each.

Miss Elsie Jane (*S C*). Color, shrimp pink, with cream shadings at center, tipped violet rose, most artistically formed; long wiry stems. Roots, $3.00 each. Plants, $1.50 each.

Mrs. John W. Stockwell (*I D*). The large, full flowers have slightly curled petals, giving a graceful and refined appearance to the bloom; color, amaranth pink, shading to rose pink at base of petals; the blooms average 9 inches with always a full center; a fine, healthy open bush, 6 to 7 feet high; stems long and straight. See illustration opposite. Roots, $2.50 each.

Mrs. Salon Bausher (*I D*). The flowers of this new variety are of gigantic size and well formed; color a beautiful sulphur yellow. A prolific bloomer, with a very sturdy stem. An outstanding variety. Roots, $3.50 each.

Murphy's Masterpiece (*I D*). Immense dark red blooms, held erect on good stems. A stocky grower and good bloomer. Roots, $5.00 each.

Paul Pfitzer (*S C*). A German introduction that has been the center of attraction at the American Dahlia Society Shows in New York. A cactus of a pleasing combination of shell pink and primrose yellow and makes a wonderful addition to the cactus class. Stems long, straight and stiff; free bloomer. Roots, $2.00 each. Plants, $1.00 each.

Robert Emmet (*I D*). Velvety cardinal red, of giant size and beauty; foliage dark green and insect-resisting; long stiff stems, profuse bloomer. Roots, $3.00 each. Plants, $1.50 each.

Satan (*S C*). A sensation for its striking beauty, formation and coloring. Here is really an outstanding variety; blooms average 10 to 12 inches in diameter and 6 inches in depth; color, flaming scarlet with orange salmon at base of each petal; flowers last a long time when cut. Roots, $2.00 each. Plants, $1.00 each.

DECORATIVE TYPES

I D Informal Decorative varieties. *F D* Formal Decorative varieties.

Altamont (*I D*). Strong stems; color rose pink, deepening towards center; a fine cut flower. Roots, 35c. each.

American Legion (*I D*). One of the largest dahlias. A giant clear yellow; the winner of numerous awards. We have an unusually fine stock of roots. Roots, $2.00 each. Plants, $1.00 each.

Andrea Erickson (*I D*). Pure white; petals pointed and irregularly placed; early and free bloomer; flowers are carried on long, stiff stems. Roots, $1.00 each.

Asbury Park (*F D*). Massive blooms on stiff stems, well above foliage; color, copper salmon or old rose, or one entire shade throughout the flower. Roots, $1.00 each.

Avalon (*F D*). Immense flowers of a beautiful chrome yellow; long stems; an ideal variety. Roots, 25c. each.

Aztec Glory (*I D*). Flowers large, of fine form and carried on good stems; color, a bright, attractive lemon yellow; a fine exhibition variety. Roots, 75c. each.

Bagdad (*I D*). A beautiful brilliant scarlet bloom of large size; good bush growth and long stems. Roots, 75c. each.

Barbara Redfern (*I D*). A combination of old rose and gold; petals long with slight twist. Roots, 35c. each.

Burr McIntosch (*I D*). Striking primrose yellow, with faint pink suffusion; massive flowers on long wiry stems; free bloomer. Roots, $2.50 each.

Calvin Coolidge, Jr. (*F D*). Color, rose pink, suffused with salmon, shading deeper towards the center, while the petals are distinctly edged with gold. Roots, 50c. each.

Cardinalis (*F D*). A brilliant cardinal red; strong upright grower, with long erect stems and a profuse and early bloomer. Roots, $1.00 each.

Champoeg (*F D*). Exhibition size blooms; color, lemon yellow, with a suffusion of deep rose pink; free flowering and early; stiff stems. Roots, $1.00 each.

Chemar's Eureka (*F D*). Very beautiful white, faintly tinged lavender on edges of petals; free flowering; a splendid keeper when cut. Roots, 50c. each.

City of Trenton (*I D*). A first class exhibition dahlia, producing Autumn-colored flowers up to 12 inches across, with full centers, petals curl gracefully. Roots, 50c. each.

Color Sergeant (*I D*). Color, a rich, deep salmon-bronze of one shade. Excellent habit of growth, with perfect stems. Roots, 50c. each.

Croydon Glory (*F D*). One of the best yellows, blooms are exceptionally large, on long stiff stems. One of the newer varieties. Roots, $4.00 each. Plants, $2.00 each.

Croydon Supreme (*F D*). Color, orange buff, shading to a lighter hue at tips of petals; rear of petals rose pink. An excellent dahlia for all purposes, including exhibitions. Roots, $3.50 each. Plants, $1.75 each.

Derrill W. Hart (*I D*). Deep orange or copper, shading to henna brown. Wonderful stem; free bloomer; keeps well when cut. Roots, 50c. each.

Dixie Ravenscroft (*I D*). Glowing flame in color, with a reverse of bright gold, the petals have a golden sheen and twist and turn making a two toned effect. The flowers are large and of perfect formation; stems long, stiff and strong. Roots, $1.50 each.

Dorothy Stone (*I D*). Huge, true deep pink, very full center, petals thick and evenly placed; profuse bloomer. Roots, 50c. each.

Dr. H. Wesley Jack (*F D*). A fine variety, producing on long, stiff stems, attractive, large flowers; color, creamy white, tinted pink on outer edge of petals. Roots, 50c. each.

Dr. John H. Carman (*F D*). Vigorous grower; large flowers; color tyrian rose, shaded silver. Roots, 50c. each.

Dwight W. Morrow (*I D*). Rich deep carmine red; a giant exhibition variety and destined to lead its class. Roots, $1.50 each.

Eastern Star (*F D*). Color, saffron yellow, with old gold shadings; good keeping quality and full centers, held on strong, erect stems. Roots, 50c. each.

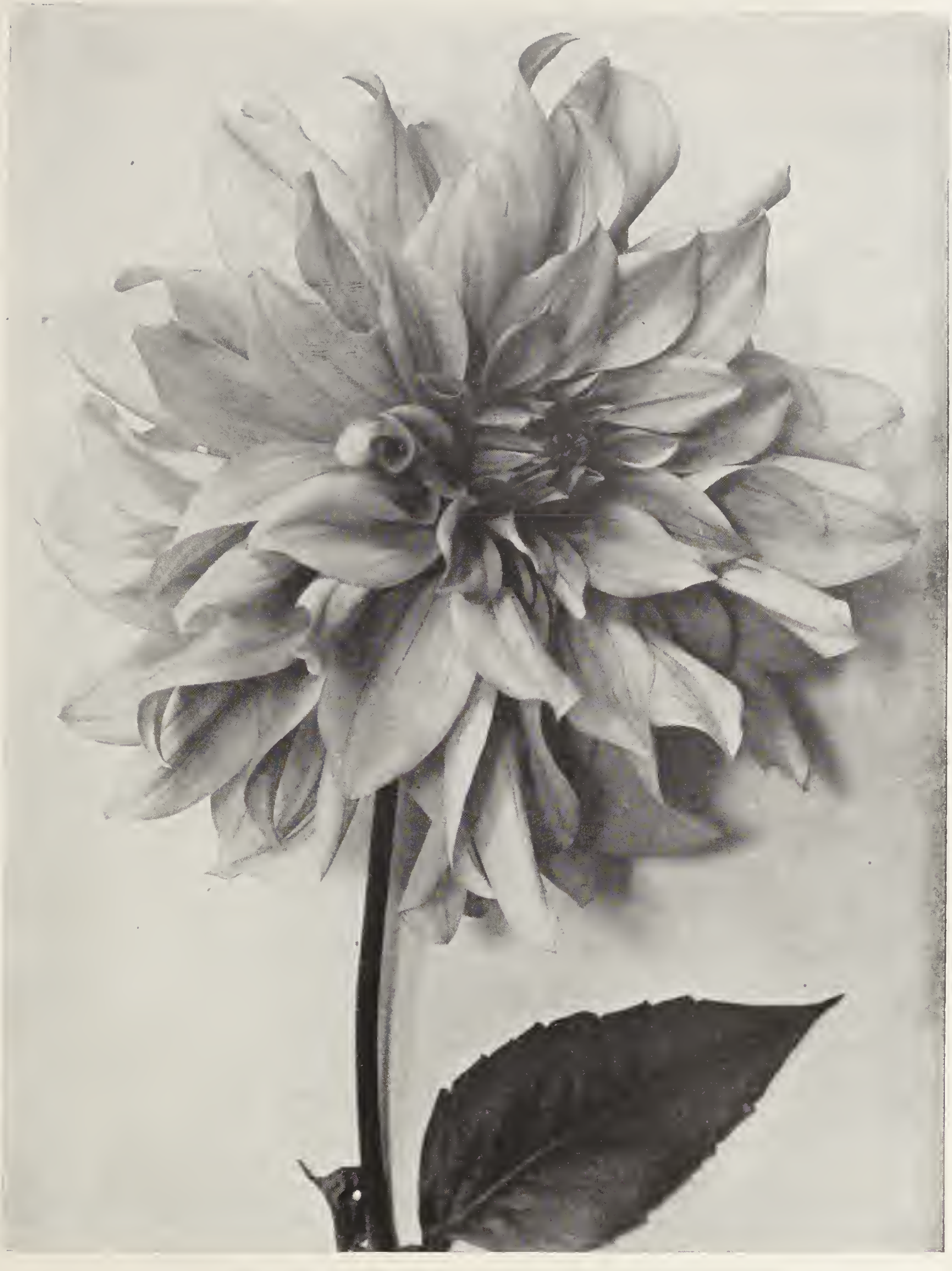
Elite Glory (*F D*). Flowers a brilliant rich red and remain in good condition a long while after being cut; strong grower. Roots, 50c. each.

Eagle Rock Fantasy (*I D*). Color, mallow pink, with silver shading, of ideal habit and large size; stems long and erect. Roots, $1.50 each.

Eliza London Shepard (*I D*). Clear, glistening golden orange, reflex darker; flowers are of beautiful form and full to the center to the end of the season; stems long. Roots, 50c. each.

Fordhook Emperor (*I D*). A glorious blending of rich salmon and rose, making a general effect of apricot; an excellent bloomer. Roots, 35c. each.

Fordhook Victory (*I D*). Blooms large, centers full; color silvery tyrian rose; bush growth good. Roots, 40c. each.



DECORATIVE DAHLIA, MRS. JOHN W. STOCKWELL

Flowers large, averaging 9 inches in diameter and always having a full center. Color amaranth pink, shading to rose pink at base of petals; stems long and straight.

Price, strong roots, $2.50 each.

DECORATIVE TYPES

I D Informal Decorative varieties. *F D* Formal Decorative varieties.

Decorative Dahlia

Fort Monmouth (*I D*). Rich crimson maroon, shading to bluish violet at tips; giant flowers, well formed; free bloomer, splendid keeper. Roots, 50c. each.

Fort Washington (*F D*). A very fine dark red. Roots, 50c. each.

Galli Curci (*I D*). A strong semi-dwarf grower; blooms large, unusually deep and carried on long stems; petals long, pointed and wavy; color, brilliant salmon orange with gold suffusion. Roots, 50c. each.

Girl of Hillcrest (*I D*). Apricot buff or cadmium orange; a vigorous grower; prolific bloomer; flowers large. Roots, $1.00 each.

Gladys Sherwood (*I D*). A variety still in demand; blooms white, very large and of good form. Roots, 35c. each.

Haddon Hall (*F D*). Amber yellow with carmine suffusion toward outer edge of petals, best describes this flower; a vigorous grower and persistent bloomer. Roots, 50c. each.

Harry Mayer (*F D*). A fine exhibition variety, that has size and form; color soft lilac with a rose pink reverse. Roots, 35c. each.

Henry F. Michell (*F D*). Immense flowers, brilliant scarlet; tall grower. Roots, 50c. each.

Hallopockeny (*F D*). Creamy white in center, petals striped, blended and heavily marked carmine, tips of petals lighter; a profuse bloomer and fine keeper. Roots, 50c. each.

Hubert Roy Stovel (*I D*). The golden yellow blooms are huge without forcing and are held high on long, stiff stems. Roots, $3.00 each.

Hunting Hill. A very fine garden type; color, clear yellow. Roots, 75c. each.

Hyperion (*F D*). A beautiful shade of yellow, with a slight suffusion of vermilion red over the outer petals; the immense blooms are very finely formed. Roots, 50c. each.

Ida Perkins (*F D*). One of the finest large white varieties, fine form and full centers; blooms early. Roots, 50c. each.

Indiana Moon (*I D*). Orange, carmine suffusion; a large flowering type and a free bloomer. Roots, 50c. each.

Jane Cowl (*I D*). Massive blooms, bronzy buff and old gold, blending darker; stems unusually strong. Roots, 50c. each.

Janet Southwick (*I D*). Exhibition size blooms; color, shades between tyrian rose and bergundy red. Plants are clean growing, with heavy foliage. Roots, $1.00 each.

Jean Kerr (*F D*). A fine white dahlia; medium size, fine for bedding and cutting. Roots, 25c. each.

Jersey Beacon (*F D*). Bright scarlet, with buff reflex, giving a two toned effect; free bloomer. Roots, 35c. each.

Jersey Beauty. Blooms high above the foliage on strong stems; flowers are immense, glowing pink. Roots, 30c. each.

Jersey's Majestic (*I D*). Strong, vigorous grower; color copper, suffused with a golden sheen, reverse of petals amaranth pink, thus giving the flower a hue of pinkish copper. Roots, $2.00 each. Plants, $1.00 each.

Kathleen Norris (*I D*). True rose pink deepening to mallow pink, tight center; good bloomer, excellent keeper. Roots, 75c. each.

Kemp's Violet Wonder (*I D*). Bright violet purple; large, well formed flowers. Roots, 50c. each.

Kentucky (*I D*). Pure salmon pink, similar in habit and form to Jersey Beauty. Roots, 50c. each.

King Midas (*I D*). Mammoth golden yellow blooms; strong, vigorous grower. Roots, 75c. each.

Lady Lyndora (*I D*). A beautiful pink (pure pastel) of foliage size and stem to carry it through; bush semi-dwarf. A free bloomer. Roots, 50c. each.

Lorraine Marion Murphy (*I D*). Bright and glowing two-tone pink, the center of petals shading lighter than edges; blooms large and well formed, centers full; a vigorous grower; strong stems of medium height. Roots, $1.50 each.

Man O'War (*I D*). Color a rich carmine, changing to ox-blood red in center. Strong grower, with cane like stems holding the flowers erect. Roots, $3.50 each.

Mardi Gras (*D*). Large, well formed flowers with good stems; color of American Beauty rose. Roots, 50c. each.

Marshall's Pink (*F D*). An exquisite and beautiful shrimp pink; shape and form similar to Jersey Beauty; especially fine for cutting. Extra long, stiff stems; dark foliage; free bloomer. Roots, 60c. each.

Meadowbrook (*F D*). An exceptionally strong and rugged grower, with heavy foliage; stems very long and erect. The blooms are imposing and of regular foliage. Color of flowers lilac veined rosy magenta. Roots, $1.00 each.

Mercury (*F D*). A beautiful combination of orange-buff and begonia-rose, blended and striped in a manner hard to describe; petals are of good substance, a very attractive flower facing, on fine stems. Roots, $1.00 each.

Monmouth Champion (*F D*). Brilliant orange flame; strong grower. Roots, 75c. each.

Mrs. Alfred B. Seal (*I D*). Old rose and lavender; strong grower; large, perfectly formed flowers with good center. Roots, 50c. each.

Mrs. Alfred Stengel (*I D*). A new shade of soft primrose yellow; blooms very large and carried on long heavy stems; bush growth tall and vigorous. Roots, $1.50 each.

Mrs. Edgar V. Seeler (*I D*). A combination of orchid pink shaded lavender; a very deep flower, the petals of which are gold at base and tipped with gold at points; a most striking flower, hard to describe. Roots, $1.50 each.

Mrs. Eleanor Martin (*I D*). Color, a beautiful mulberry, suffused gold; flowers of elegant form. Roots, 50c. each.

Mrs. E. S. Newbold (*F D*). Greatly admired by lovers of pink dahlias; color, attractive soft mallow pink; blooms large, centers full, long strong stems. Roots, $1.50 each.

Mrs. Frederick J. Michell, Jr. (*I D*). Magnificent blooms, deep true pink, petals also blended a lighter pink in a way difficult to describe. An exhibition variety. Roots, $1.00 each.

Mrs. Geo. W. Elkins, Jr. (*I D*). Old gold, suffused salmon pink, Roots, 50c. each.

Mrs. Grace H. Middleton (*I D*). Deep velvety garnet red; large blooms with high and full center, petals long and wavy; strong stems of medium height; fine for exhibition. Roots, $1.50 each.

Mrs. I. DeVer Warner (*F D*). Mauve pink; early and free bloomer. Roots, 25c. each.

Mrs. Joseph Hurley (*I D*). A magnificent exhibition flower of perfect form and full center, best described as scarlet red, petals edged light purple, base of petals faintly suffused old gold. Roots, $1.50 each.

DECORATIVE TYPES

I D Informal Decorative varieties. *F D* Formal Decorative varieties.

Mrs. Max Matthes (*F D*). Large, full well formed flowers, with lasting deep center; color, salmon bronze; bushes tall and vigorous, with thick leathery foliage. Roots, $1.50 each.

Mrs. Walter M. Jeffords (*F D*). Color clear primrose base with vermilion showing at the ends of the petals and sometimes blushing toward the center with the same color. Roots, $1.50 each.

Myra Howard (*I D*). The color is a glowing combination of saffron and gold with tints of salmon; a giant deep flower and distinct in form and color. Roots, $1.50 each.

Old Hickory (*F D*). Large blooms, full centers, color madder red with apricot suffusion. Roots, 50c. each.

Omar Khayyam (*F D*). A sensational variety; the unusual coloring—Chinese red at base of petals, shading to bright orange and tipped lighter—make a wonderful soft color effect; tall, healthy grower. Roots, 75c. each.

Oriental Glory (*I D*). Cadmium orange, overlaid with scarlet; fine foliage, good stems and a free bloomer. Roots, $3.00 each.

Patricia Ann (*F D*). An immense bloom of picric yellow, blending to alizerine pink. Roots, $1.50 each.

Penn Charter (*F D*). Strong grower; deep flowers of great beauty; color rich gold blended with apricot, a brilliant color. Roots, 50c. each.

Pride of California (*D*). A brilliant, glowing cardinal red; flowers large, a good cut flower. Roots, 25c. each.

Prince of Persia (*I D*). Very dark red with velvety markings; immense blooms, very deep, often a foot across. Roots, $1.00 each.

Queen of the Garden Beautiful (*F D*). An immense primrose yellow, facing upwards on strong stems; free bloomer. A favorite variety. Roots, 75c. each.

Ray Warner (*F D*). Considered the most beautiful luminous pink in Dahlias; a cross between Jersey Beauty and Little Jewel. Of dwarf habit, rapid grower and profuse bloomer. Flowers of medium size, 7 to 8 inches in diameter; excellent for artistic decorating. Roots, $2.00 each. Plants, $1.00 each.

Rising Sun (*F D*). An attractive and very much admired variety; color, sunflower yellow, shaded and suffused fire red; stems strong and erect. Roots, 50c. each.

Royal Dutch (*I D*). Apricot orange, suffused rose; large flowers on strong stems. Roots, $3.00 each.

Sagamore (*F D*). Rich amber gold, shaded toward the center with salmon rose or orange buff. Roots, 35c. each.

Salem Pride (*F D*). Color, reddish violet suffused lightly streaked white. Blooms large and deep on good stems. A very desirable variety. Roots, 50c. each.

Salmon Supreme (*F D*). Color a glistening salmon orange pink; a very popular dahlia, held erect on good stiff stems and admired by everyone. Roots, 50c. each.

Sanhican's Bluebird (*I D*). A pleasing near to blue decorative type, with outer petals of bright violet blue, center petals violet. An attractive flower on wiry stems. Roots, 35c. each.

Sanhican's Lavender (*F D*). White with tips of orchid lavender color, deepening as flowers mature. Flowers grow high above the foliage, on long, straight stems; free bloomer. Roots, $1.00 each.

Sanhican's Queen (*F D*). A blending of apricot, with a faint brushing of carmine rose, deepening toward the center. Roots, 50c. each.

Somerset (*I D*). Free and early bloomer; color, salmon and old rose, blending deeper with age, with an occasional touch of lavender on reverse. Roots, 35c. each.

Strongheart (*I D*). An artistically formed dahlia of immense size and perfect stems. Color a beautiful light cadmium shaded apricot. The foliage is insect resistant. Roots, $1.50 each.

Sultan of Hillcrest (*F D*). Color, soft autumn, with yellow reverse. One of the finest varieties grown; extra large blooms on straight stiff stems. Roots, $4.00 each. Plants, $2.00 each.

The Commodore (*I D*). One of the largest and most spectacular yellow dahlias, many of the blooms attaining 12 inches across and of good depth; color a brilliant lemon yellow, petals long and broad; exceedingly free bloomer. Roots, $1.00 each.

The World (*F D*). Rich, deep rosy magenta overlaid garnet, with silver shadings on edges. Roots, 50c. each.

Thomas A. Edison (*F D*). Royal purple exhibition variety, named by permission of the Famous Electrical Wizard. Roots, 75c. each.

Treasure Island (*F D*). Bright apricot with gold and rose suffusion and shadings; flowers measure 10 inches across. Roots, 75c. each.

Watchung Sunset (*F D*). A large, lavender pink bloom, held on long stems. Roots, 50c. each.

White Empress (*I D*). Color, almost a pure white. A strong healthy grower, with heavy foliage; stems strong and erect. Roots, 50c. each.

White Wonder (*I D*). Giant blooms, pure white, with long pointed twisted and curled petals; strong, vigorous bush growth. Roots, $1.50 each.

World's Best White (*I D*). Blooms 9 inches across; a very perfect white of the large flowering type for exhibition or the garden. A profuse bloomer on stiff stems. Roots, 75c. each.

MICHELL'S DAHLIA COLLECTIONS

Furnished in strong roots.

Buy your Dahlias from Specialists. It has been our privilege to bring new introductions before the public, which have been well received. To stimulate larger plantings we offer the following collections as an inducement for you to obtain an assortment of meritorious varieties at a very reasonable price. When ordering these collections, please stipulate name and number and when delivery is desired.

No. 1. Superb Collection, $5.00

Value, $6.50

Andrea Erickson
Cardinalis
Eagle Rock Fantasy
Janet Southwick
Meadowbrook
The Commodore

No. 2. Beauty Collection, $2.50

Value, $3.25

Bagdad
Derrill W. Hart
Eastern Star
Indiana Moon
Mrs. Geo. W. Elkins, Jr.
Salem Pride

No. 3. Garden Collection, $1.00

Value, $1.50

Avalon
Harry Mayer
Jean Kerr
Jersey Beauty
Somerset

No. 4. Collection Miniature Dahlias, $2.75

Value, $3.50

Baby Royal
Bishop of Landaff
Bluebird
Muriel
Red Head
Tricolor

No. 5. Collection Pompon Dahlias, $2.50

Value, $3.50

Bob White
Charming
Cora May
Dee Dee
Edith Mueller
Haake's Glow
Honey
Johnny Peppin
Little Edith
Sonny
Taka's Purple
Yellow Gem

Dahlia, Cactus Type

CACTUS TYPES

S C Semi-Cactus varieties. *I C* Incurved Cactus varieties.
R C Recurved and Straight Cactus varieties.

Alice Whittier (*SC*). Primrose yellow, large flower on long stems. Roots, 50c. each.

Ambassador (*C*). A good cut flower; color soft yellow buff, shaded salmon pink. Roots, 75c. each.

Amelia Earhart (*S C*). Color, apricot buff, with salmon tints, shading to soft yellow at base of petals; exceptionally large blooms on good stems. Roots, $5.00 each. Plants, $2.50 each.

American Triumph (*I C*). Color, oriental or bright clear red; full centers; straight, strong stems. A fine garden and exhibition variety and a good keeper. Roots, 50c. each.

Cigarette. Creamy white heavily edged orange red; petals long and inclined to roll, forming a deep flower. Roots, 35c. each.

Countess of Lonsdale (*C*). Old rose to salmon, hard to surpass as a cut flower. Roots, 35c. each.

Daddy Butler (*S C*). Exceptionally fine for exhibition; petals rolled; color is of the American Beauty Rose shade or rosy carmine, with reverse of petals a lighter tint; profuse bloomer. Roots, 35c. each.

Edna Ferber (*S C*). Flowers very large; color, coral shading to old gold at base of petals. Roots, 75c. each.

Elite Gem (*C*). Spinal pink blush on primuline yellow at base; a beautiful cut flower. Roots, 75c. each.

Ella May (*C*). Flowers large and deep with full centers; color, rich crimson carmine. Roots, 50c. each.

Emma Marie (*S C*). Clear violet rose with creamy white center; a wonderful cut flower. Roots, 35c. each.

Frau O'Bracht (*C*). Clear primrose; finely formed flowers on stiff stems; good for exhibition or cutting. Roots, $1.50 each. Plants, 75c. each.

Golden Sonne. Rich golden yellow, with soft rose suffusion; flowers extra large and graceful. Roots, 50c. each.

Jersey's Melody (*S C*). A beautiful shade of tyrian rose, shading to silver on tips, with a silver reverse, a striking color; flowers of fine form on long, stiff stems. Roots, $1.50 each. Plants, 75c. each.

Josephine G. (*S C*). Color a very pleasing true rose pink of a bright shade, with petals deep yellow. A wonderful sturdy bush, with the flowers well above the dense foliage. A prolific bloomer. Roots, 50c. each.

Kalif (*S C*). Rich carmine or strawberry red; an excellent cut flower variety. Roots, 35c. each.

Kay Francis (*S C*). Color, light lemon yellow, clear and pure; exceptionally fine for exhibition and a very early bloomer. Stems long, strong and stiff. A winner of many prizes. Roots, $5.00 each. Plants, $2.50 each.

La Fiesta (*S C*). Buttercup yellow, penciled red; color variations are interesting, at times the red blends with yellow in such a manner as to give the flower a salmon pink tone; the curl and twist of its lacy petals give this flower the appearance of a large chrysanthemum. A prize winner at many shows, its large blooms being decidedly different. Roots, $3.00 each. Plants, $1.50 each.

Lilac Glory (*I C*). One of the prettiest cactus varieties grown; color a soft violet rose, with silver shadings; stems long and slender but strong and erect. Roots, 75c. each.

Marguerite Bouchon (*C*). Free blooming, rose and white; an old favorite still in demand. Roots, 40c. each.

Mariposa (*S C*). A beautiful shade of true pink, center intensified and suffused with a faint violet; narrow, incurved petals, a sturdy grower and a great favorite. Roots, 50c. each.

Maryland Orange (*S C*). Bright orange, with orange cadmium shadings, good color and type; free bloomer. Roots, $1.00 each.

Meta Scammell (*S C*). Clear amaranth pink; a gorgeous cut flower, very artistic. Roots, 60c. each.

Minnie Eastman (*S C*). A beautiful variety of a bright flame color with undershadings of deep yellow; stems long and erect. Roots, 75c. each. Plants, 50c. each.

Oriental Beauty (*S C*). Clear, bright violet rose; very artistic, deep blooms on strong stems. Roots, $1.00 each.

Palo Alto (*S C*). Clear, bright salmon, shading to gold, flowers of good substance, with uniform full center. Winner of Achievement Medal. Roots, $5.00 each. Plants, $2.50 each.

Rheinischer Frohsinn (*I C*). Long incurved petals, white at base, suffusing to luminous carmine rose; a real cut flower. Roots, 50c. each.

Roycroft (*S C*). Immense, scarlet and gold flowers; long, erect stems. Roots, 35c. each.

Siskiyou (*S C*). Pink tinged mauve; one of the largest varieties; has created quite a sensation at shows. Roots, 75c. each.

Star of Bethlehem (*S C*). Color, pure white with petals finely pointed at tips, with a very high full center, giving a star effect. Truly a wonderful dahlia, in a class by itself. Roots, $1.50 each. Plants, 75c. each.

MINIATURE DAHLIAS

This class embraces small decorative and intermediate sorts between Pompon and Ball types. They are excellent for basket arrangement, or for cut flowers.

Baby Royal (*M D*). A gem for any garden; color a salmon pink, shaded apricot, with yellow at base of petals. A winner of several awards. Roots, $1.00 each. Plants, 50c. each.

Bishop of Landaff (*M D*). Brilliant rich red, with dark bronze colored lacy foliage. Roots, 50c. each.

Bluebird (*M F D*). This variety is unique and different, its coloring being the nearest blue in the smaller dahlias, color bluish lavender. Roots, 50c. each.

Camellia (*F D*). Bright orange flame, center usually full brilliant color; good keeper. Roots, 50c. each.

Coronne (*M F D*). Finely formed, pure white; good keeper. Roots, $1.00 each.

Jean (*I D*). Apricot buff suffused lilac rose; very pretty and artistic. Roots, $1.50 each.

Kitty Bellaire (*Cactus*). Deep maroon; tiny flower, very graceful. Roots, 75c. each.

Lady Mary Hope. Amber and orange, tipped white. Roots, 50c. each.

Little Jewel. Peach blossom pink. Roots, 35c. each.

Muriel (*M D*). Color old rose, with the center of each petal striped apricot; full centers; free bloomer on excellent stems. Roots, 50c. each.

Red Head (*M I D*). Scarlet orange, with blooms facing up, on nice stems; a fine keeper. Roots or plants, 50c. each.

Tiny. Peach color with a bright golden center; very artistic. Roots, 75c. each. Plants, 50c. each.

Tricolor (*F D*). Yellow tipped cardinal; very choice. Roots, 50c. each.

BALL VARIETIES

This class is very fine for cut flower purposes.

American Beauty. An extra large flowering red variety. Roots, 25c. each.

Gold Medal. Deep golden yellow, tipped and suffused oriental red; very fine for cutting. Roots, 35c. each.

Maud Adams. Clear shell pink; an old favorite hard to surpass. Roots, 25c. each.

Mrs. C. D. Anderson. An excellent cut flower variety on long stems; color, deep garnet. Roots, 25c. each.

The dahlia as a cut flower enhances the beauty of any decoration you may make. It is a prolific bloomer, a single bush producing blooms for many weeks. The best time to cut flowers is in the early morning, mature flowers should be selected, the stems cut slantwise with a sharp knife, the lower leaves stripped off and the ends of the stems either burned or dipped in boiling water for half a minute. The dahlias should then be placed in deep containers full of cold water and put in a cool place, free of drafts; if the ends of stems have become dry they should be cut before placing in water.

POMPON VARIETIES

A miniature form of Ball Dahlias; very popular and used extensively for table decorations.

MICHELL'S SELECTED POMPON DAHLIAS

Bob White. Pure white with a cast of yellow; long stems and an excellent variety for cutting. Roots, 25c. each.

Charming. Lavender pink; fine for exhibition or cutting. Roots, 35c. each.

Cora May. Salmon pink, shading to light primrose yellow. Roots, 35c. each.

Dee Dee. A perfect formed pure lavender, small and dainty, with long stems. Roots, 25c. each.

Edith Mueller. Tyrian pink with silver reverse; free bloomer, with a very fine stem; a charming variety. Roots, 35c. each.

Haake's Glow. Yellow base, tipped old rose; very small fine blooms. Roots, 35c. each.

Honey. Pale yellow with faint suffusion of red on edge of petals; free bloomer; long stems; excellent for cutting. Roots, 35c. each.

Johnny Peppin. Dark crimson; small and of splendid formation; firm stems. Roots, 35c. each.

Little Edith. Gold, suffused red; free bloomer; excellent for cutting. Roots, 25c. each.

Sonny. A perfect exhibition type; color a pinkish cinnamon. An early and free bloomer, with very long stems. Roots, 35c. each.

Taka's Purple. A very desirable variety of good blooming quality and strong stems. Roots, 35c. each.

Yellow Gem. Pure light yellow; free bloomer; long stems; excellent for cutting. Roots, 25c. each.

Collection. One root each of above 12 varieties for $2.50.

Bronze Beauty. A beautiful golden apricot; free bloomer and good for cutting purposes. Roots, 25c. each.

Goldilocks. Pure gold, deepening at center. Roots, 35c. each.

Jack. Color purple garnet; blooms perfectly formed throughout the season; an incessant bloomer. On "1934 Honor Roll." Roots, 50c. each.

Jill. Soft yellow, suffused and tipped carmine, a bright colorful variety, with small uniform blooms; long stems and free blooming. Roots, 50c. each.

Johnny. The smallest pompon grown; color dark red or maroon. Roots, 35c. each.

Snowclad. Pure white; free bloomer. Roots, 25c. each.

Sunset. Delightful orange; very popular. Roots, 35c. each.

LARGE SINGLE VARIETIES

Open centered flowers with only one row of ray florets, regardless of form or number of florets.

Doris. Deep velvety carmine, tipped pure white; very spectacular. Roots, 25c. each.

Fragrance. Each petal is snow white with a broad margin of bright scarlet. Roots, 35c. each.

Garnet Poinsettia. Rich glowing garnet, with rich glistening sheen. Roots, 25c. each.

Lois. A charming variety of the new introductions. Color violet rose with yellow center. Roots, 50c. each.

ORCHID FLOWERING VARIETIES

This new race is excellent for landscape effect, gardens, table or other dainty decorations. Blooms often average 4 to 5 inches in diameter; bush growth, 2 to 3 feet in height. We recommend the following varieties

Beaver. Crimson maroon, with light tipped narrow florets. Roots, 50c. each.

Everest. Pure white throughout. Roots, 50c. each.

Mavis. White lilac ground, with deep, reddish purple reverse. Roots, 50c. each.

Pinkie. Rose, mottled white. Roots, 50c. each.

Starfish. Pale flesh ground, with ruby reverse. Roots, 50c. each.

Pompon Dahlia

MIGNON OR BEDDING VARIETIES

This type is a single or duplex type of miniature dahlia. Plants are dwarf, averaging 18 inches to 2 feet in height, which are covered with blooms. Excellent for mass or border planting and flowers are very effective when used for table decoration.

Coltness Gem. Single crimson scarlet flowers of perfect form, borne in great profusion. Roots, 50c. each.

Lady Aileen. Clear rosy pink, with a darker ring at base. Roots, 75c. each. Plants, 50c. each.

Miss Kathleen Carwithen. Crimson scarlet flowers, dark lacy foliage; free bloomer; good stems. Roots, 75c. each. Plants, 50c. each.

Pembroke. Clear yellow; a very free blooming variety. Roots, 75c. each. Plants, 50c. each.

Princess Elizabeth. Color, light pink; very free bloomer. Roots, 75c. each. Plants, 50c. each.

DAHLIAS TO COLOR

Though named sorts, these are not labeled to variety; extra large divisions or clumps furnished in the following colors:

	Each	Doz.
Pink	$0.20	$2.00
Red	.20	2.00
White	.20	2.00
Yellow	.20	2.00

MICHELL'S GORGEOUS GLADIOLUS

There is no other Summer flowering bulb that is enjoying so great popularity as that of the Gladiolus. Their adaptability to garden decoration or to use as cut flowers during the Summer and early Autumn is surpassed by no other flower. They are not only showy in the garden, but when cut with the first flower open will last for 10 days in the house. They thrive in almost any good garden soil but better results may be had if soil is well prepared and enriched with some of our pulverized manures. Great improvements have been made in the size, color and beauty of these flowers. Our list comprises the best of recent introductions as well as the most popular of the standard varieties. Plant bulbs 4 inches deep and from 4 to 6 inches apart.

If Gladiolus Bulbs are wanted by Parcel Post, add 10c. per dozen, 25c. per 100, for postage to the first and second zones; for other zones, see parcel post table page 1; larger quantities by express.

MICHELL'S SPECIAL GLADIOLUS

	Doz.	100
Captain Boynton. White suffused lavender, blotched deeper in throat, a very attractive variety ... 3 for 25c.	$0.75	$5.00
Commander Koehl. A new introduction from Europe and one of the finest red varieties; flowers large on tall stems; color, brilliant scarlet-blood-red; grows well under all weather conditions ... 3 for 35c.	1.25	8.00
E. J. Shaylor. A tall, strong growing variety with large flowers; color, a beautiful shade of pure deep rose-pink with well ruffled edges; one of the best of its color ... 3 for 20c.	.60	4.00
Flaming Sword. Very early; color a bright scarlet-red; a very good forcer ... 3 for 25c.	.75	5.00
Gold Eagle. Extra early; deep rich yellow, slightly ruffled ... 3 for 20c.	.60	4.00
Jenny Lind. Clear salmon pink with creamy yellow throat; an ideal florists' variety ... 3 for 30c.	.90	6.00
La Paloma. (*Primulinus*). Large flowering; color brilliant orange; vigorous grower ... 3 for 30c.	1.00	6.50
Mary Pickford. Delicate creamy white, throat finest sulphur yellow; very distinct and beautiful ... 3 for 20c.	.60	4.00
Mrs. F. C. Hornberger. Large blooms well placed on strong spikes; color pure white with cream throat; one of the finest in this color and type ... 3 for 30c.	.90	6.00
Picardy. Clear flesh pink, shading to soft shrimp pink at edges of petals ... 3 for 50c.	1.50	10.00

SPECIAL COLLECTIONS

		By P.P.
1 each of above 10 varieties, 10 bulbs	$0.85	$0.95
3 each of above 10 varieties, 30 bulbs	2.25	2.40
6 each of above 10 varieties, 60 bulbs	4.25	4.45
12 each of above 10 varieties, 120 bulbs	8.00	8.25
25 each of above 10 varieties, 250 bulbs	15.00	15.35

Gladiolus, Mrs. Frank Pendleton, Jr.

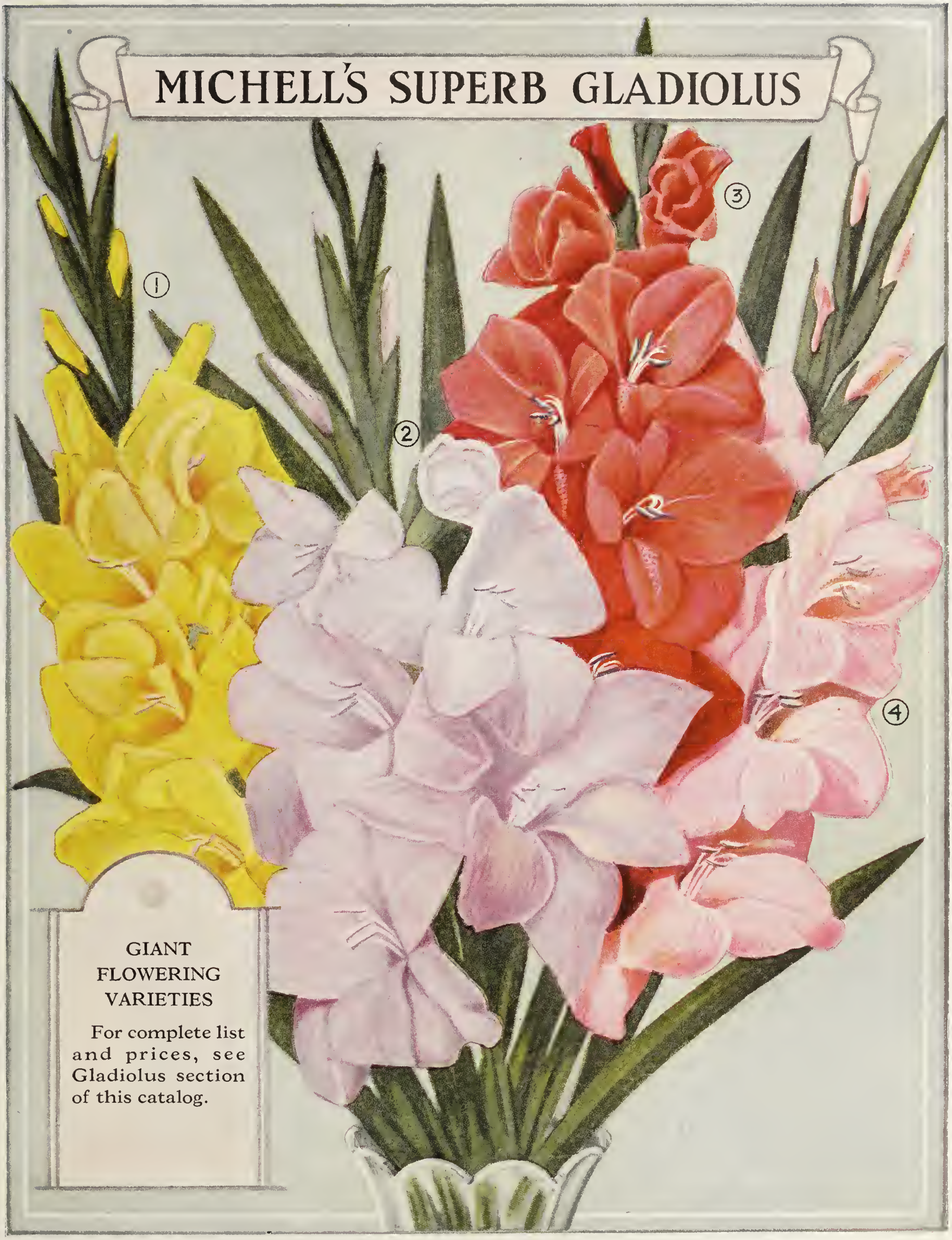
BLUE, LILAC AND PURPLE SHADES

	Each	Doz.	100
Anna Eberius. An extra fine variety; color rich velvety purple with a deep purplish red blotch on the lower petals; flowers large, on long spikes ... 3 for 20c.		$0.60	$4.00
Berty Snow. Pinkish lavender; large flower well placed on a long spike ... 3 for 25c.		.75	5.00
Byron L. Smith. Lavender pink on white ground. Often referred to as the **"Orchid Colored Glad."** Of good form; stems are rather slender, which adds to its grace. 3 for 25c.		.65	4.50
Captain Boynton. White suffused lavender, blotched deeper in throat, a very attractive variety ... 3 for 25c.		.75	5.00
Chas. Dickens. An attractive tall vigorous grower; large violet red blooms, with darker blotch; 10 to 12 flowers open at one time. 3 for 30c.		.90	6.00
Mad. von Konijnenburg. Light violet or lavender blue, at least the nearest blue to date; early midseason; tall grower. 3 for 30c.		.90	6.00
Marmora. Extra large, lavender-gray flowers, on long stems, many flowers open at one time; a very attractive variety ... 3 for 30c.		$0.90	$6.00
Minuet. This variety has created a sensation in the show room for several seasons; color, light lavender, with four to six large, heavy blooms open at one time ... 3 for 35c.		1.10	7.50
Ruth Huntington. Violet lilac, with deeper markings on lower petals; large strong grower; spikes well formed; should be in every collection ... 3 for 25c.		.75	5.00
Veilchenblau. The first large, violet blue variety and a great favorite; the color suggests that of the Iris; lower petals have a darker blotch	$0.15	1.25	8.00

When cutting Gladiolus for the house, they should be cut as soon as the first one or two lower flowers are open, the remainder will open. Remove the flowers as they fade, cut off a little of the stem and change the water every day, this will prolong the blooming period.

The Gladiolus (Beal), 128 pages. Price, $1.25

MICHELL'S SUPERB GLADIOLUS



GIANT
FLOWERING
VARIETIES

For complete list and prices, see Gladiolus section of this catalog.

MICHELL'S GORGEOUS GLADIOLUS

If Gladiolus Bulbs are wanted by Parcel Post, add 10c. per doz., 25c. per 100, for postage to the first and second zones; for other zones, see parcel post table, page 1; larger quantities by express.

PINK SHADES

		Doz.	100
America. A beautiful flesh pink, tinged with lavender; flowers large, petals round, thick and strong, will last a long time after being cut; free bloomer	3 for 20c.	$0.60	$4.00
Annie Laurie. Heavily ruffled; delicate pink overlaid with light rose; strong grower; 4 to 6 flowers open at one time. A distinctive variety, excellent for the garden, also for all forms of decorations	3 for 20c.	.60	4.00
Betty Nuthall. One of the finest varieties of recent introduction; color, a soft tone of light salmon-pink with pale orange throat	3 for 25c.	.75	5.00
E. J. Shaylor. See description page 90	3 for 20c.	.60	4.00
Evelyn Kirtland. Color, a beautiful Geranium pink, darker at the edges, scarlet blotches on lower petals; well arranged flowers on tall spikes	3 for 20c.	.60	4.00
Giant Nymph. Light pink suffused with cream yellow; large flowers on strong spikes	3 for 20c.	.60	4.50
Halley. Large, well expanded flowers; salmon-pink, blotched yellow, with carmine markings; very early	3 for 20c.	.60	4.00
Jenny Lind. See description page 90	3 for 30c.	.90	6.00
Le Marechal Foch. Flowers immense and beautifully ruffled; color, pale pink, flaked and striped deeper at edges of petals.	3 for 20c.	.60	4.00
Los Angeles. A soft shade of pink, feathered cerise at throat; tall and graceful; blooms for a long period, producing 2 to 3 flowering spikes from the same bulb	3 for 20c.	.60	4.00
Mrs. Dr. Norton. Large flowers on graceful spikes, with 4 to 8 flowers open at one time. Color white, with edges of petals suffused with soft La France pink; tall grower; splendid cut flower	3 for 25c.	.65	4.50
Mrs. F. C. Peters. One of the best of the recent introductions; a beautiful shade of rose lilac with soft crimson blotch. Very large flowers on long stems	3 for 25c.	.75	5.00
Mrs. Frank Pendleton, Jr. Flowers very large, lovely flushed salmon-pink, carmine blotches in throat; the blooms are wide open on very wiry stems	3 for 20c.	.60	4.00
Mrs. Leon Douglas. Flowers of enormous size; color, Begonia-rose, striped with flame scarlet, lower petal lemon, speckled ruby	3 for 25c.	.75	5.00
Mrs. P. W. Sisson. Cameo pink with carmine blotch; flowers large and well placed, many open at a time; a gorgeous variety and an excellent keeper when cut	3 for 25c.	.75	5.00
Nancy Hanks. Apricot shading to orange pink, with heavy red penciling on lip; blooms large and well placed	3 for 25c.	.75	5.00
Panama. Color, clear pink with rose center; extra fine flowers on long spikes	3 for 20c.	.60	4.00
Picardy. See description page 90	3 for 50c.	1.50	10.00
The Orchid. A new type, with long, narrow graceful petals; color orchid over white with rose-lilac markings in throat	3 for 30c.	.90	6.00
W. H. Phipps. La France pink, overlaid light rose salmon; one of the finest exhibition varieties	3 for 25c.	.75	5.00
Wilbrink. Flesh pink with creamy white blotch on lower petal	3 for 20c.	.60	4.00

YELLOW SHADES

		Doz.	100
Belinde. Long spikes well filled with large, delicate creamy yellow blooms	3 for 25c.	.75	5.00
Gold Eagle. See description page 90	3 for 20c.	.60	4.00
Golden Measure. Tall spike with many large, pure golden yellow flowers, several of the flowers are in bloom at one time; a winner at exhibitions	3 for 25c.	.75	5.00
Schwaben. Soft pure yellow with purple blotch on lower petals; heavy spike and foliage; an old favorite	3 for 25c.	.75	5.00

Gladiolus, Mrs. F. C. Peters

See Michell's Special Collections of Gladiolus, page 90

Treat your Gladiolus Bulbs with Semesan before planting

If Gladiolus Bulbs are wanted by Parcel Post, add 10c. per doz., 25c. per 100, for postage to the first and second zones; for other zones, see parcel post table page 1; larger quantities by express.

Gladiolus, L'Immaculee

RED AND SCARLET SHADES

	Doz.	100
Commander Koehl. See description page 90. 3 for 35c.	$1.25	$8.00
Crimson Glow. One of the best scarlet varieties, throat overlaid with a velvety scarlet blotch. Large wide open flowers; good form and keeps well as a cut flower . . . 3 for 20c.	.60	4.00
Dr. F. E. Bennett. Peach red overlaid flame color, throat finely stippled ruby and white . . . 3 for 25c.	.75	5.00
Early Sunrise. A large flowering variety; color iridescent shade of light red, with golden sheen in throat; early flowering and fine for forcing. 3 for 25c.	.75	5.00
Flaming Sword. See description page 90 . . 3 for 25c.	.75	5.00
Mrs. Francis King. A beautiful flame pink with lighter throat. Immense flowers on long spikes; an old favorite cut flower variety . . . 3 for 20c.	.60	4.00
Paul Pfitzer. The best dark violet red offered; brilliant, large heavily ruffled flowers; vigorous grower; should be in every collection . . . 3 for 35c.	1.10	7.50
Persia. Deep crimson, almost black, medium sized flowers well placed; exceedingly popular . . 3 for 25c.	.75	5.00
Pfitzer's Triumph. Enormous blooms of bright salmon orange, with very small deeper throat blotch; on account of the gigantic flowers, the stems require staking. This variety is a sensation at all shows and is ideal for exhibition purposes . 3 for 30c.	1.00	7.00
Virginia or Scarlet Princeps. Intense scarlet, slightly deeper in throat; extra fine, early and much in demand . . . 3 for 20c.	.60	4.00

WHITE SHADES

	Doz.	100
Albatross. Immense blooms, color, pure white, flowers of unusual substance; one of the finest varieties . . . 3 for 45c.	$1.50	$10.00
L'Immaculee. Pure white; early; large spikes; strong grower; fine for cutting, many blooms open at one time . . . 3 for 30c.	.90	6.00
Lily White. Large flowers; excellent grower and heavy propagator; very early. A fine cut flower for the garden . . . 3 for 20c.	.60	4.00
Maid of Orleans. Large white with cream center; flowers of perfect form; straight spike; excellent for cutting . . . 3 for 40c.	1.50	10.00
Mary Pickford. See description page 90 . . . 3 for 20c.	.60	4.00
Mrs. F. C. Hornberger. See description page 90 . . . 3 for 30c.	.90	6.00
Peace. Enormous pure white flowers with lilac feather on the lower petal; plant robust; recommended for late planting . . . 3 for 20c.	.60	4.00

UNNAMED GLADIOLUS (In Separate Colors)

This assortment is made up of good varieties, especially blended for color and shadings. Only choice types and varieties are used.

	Doz.	100
White and Light	$0.60	$4.00
Yellow and Orange	.65	4.50
Red	.60	4.00
Pink	.60	4.00

MIXTURES OF GLADIOLUS

Michell's Giant Exhibition. Every bulb for this mixture has been selected with the utmost care for coloring and size of flower; no other mixture can boast of such careful selection. Per doz., 50c.; $3.25 per 100; per 1000, $27.50.

PRIMULINUS VARIETIES

This class of gladiolus is very popular for its early blooming qualities and the artistic shadings and markings of its blooms. Especially valuable for cutting for vases and table decorations for which they excel all other gladiolus.

	Doz.	100
Alice Tiplady. A beautiful and showy large flowering variety; color, orange saffron . . .	$0.55	$3.50
La Paloma. Large flowering; color, brilliant orange; vigorous grower . . . 3 for 30c.	1.00	6.50
Maiden's Blush. Beautifully formed flowers on long stems; color, enchantress pink; a very dainty flower on graceful spikes; early flowering . . .	.55	3.50
Orange Queen. Large, wide open flowers of a warm tint of purest apricot . . . 3 for 20c.	.60	4.00
Souvenir. A beautiful and attractive variety; color, golden yellow; tall-stemmed large flowers facing forward; early flowering . . . 3 for 20c.	.60	4.00
Primulinus Major Hybrids, Mixed. This mixture is made up from the newest hybrids and contains the most beautiful and delicate tints, making the most harmonious blendings . . . $27.50 per 1000	.45	3.00

We shall be pleased to supply any varieties of Gladiolus not listed. Send us a list of your requirements.

Ask for our treatise on the culture of Cannas, Dahlias and Gladiolus

MICHELL'S HARDY GARDEN LILIES

A garden is not complete without a planting of Hardy Lilies; they do exceedingly well in the herbaceous border; the varieties listed can be planted in the early Spring months and it is recommended that they be planted among hardy perennials, as the shade from the surrounding plants is necessary for their welfare.

Cultural Directions.—All Hardy Lilies should be planted from 6 to 8 inches deep, the Japan varieties even 12 inches deep; the bulbs should be completely enveloped in sand, no manure should come in contact with the bulbs, but may be placed 4 to 6 inches underneath. All loose petaled bulbs should be planted on their side instead of upright. Cover with leaves or litter during Winter. Our Bulb Growing Guide gives full instructions on the growing of Lilies; ask for free copy.

If Lily Bulbs are wanted by Parcel Post, add 25c. per doz. for postage.

Lily, Rubrum

JAPANESE LILIES

Auratum (*Golden Banded Lily*). Enormous, measuring frequently 8 to 12 inches across; pure white, spotted crimson, each petal marked in the center with a band of yellow. Flowers in August; delightfully fragrant.

	Each	Doz.	100
Large Bulbs, 8 to 9 inch circum.	$0.30	$3.00	$20.00
Mammoth Bulbs, 9 to 11 inch circum.	.40	4.00	27.50
Monster Bulbs, 11 to 13 inch circum.	.50	5.50	40.00
Jumbo Bulbs, 13 to 15 inch circum.	.85	9.00	70.00

Speciosum Album. The best late flowering pure white hardy garden lily; of easy culture. The graceful stems and foliage are set off to wonderful advantage by the pure white blooms.

	Each	Doz.	100
Large Bulbs, 8 to 9 inch circum.	$0.40	$3.75	$30.00
Mammoth Bulbs, 9 to 11 inch circum.	.50	5.50	40.00

Speciosum Magnificum. An enormous flower; rich deep pink spotted crimson; height, 3 feet; flowers in August.

	Each	Doz.	100
Large Bulbs, 8 to 9 inch circum.	$0.30	$3.00	$20.00
Mammoth Bulbs, 9 to 11 inch circum.	.40	4.00	30.00
Monster Bulbs, 11 to 13 inch circum.	.50	5.50	40.00
Jumbo Bulbs, 13 to 15 inch circum.	.90	9.50	70.00

Speciosum Melpomene. Deep pink, spotted red.

	Each	Doz.	100
Large Bulbs, 8 to 9 inch circum.	$0.30	$3.00	$20.00
Mammoth Bulbs, 9 to 11 inch circum.	.40	4.00	30.00
Monster Bulbs, 11 to 13 inch circum.	.50	5.50	40.00
Jumbo Bulbs, 13 to 15 inch circum.	.90	9.50	70.00

Speciosum Rubrum or Roseum. Delicate pink, almost white, spotted red; one of the old garden favorites; height, 3 feet; flowers in August and September.

	Each	Doz.	100
Large Bulbs, 8 to 9 inch circum.	$0.30	$3.00	$20.00
Mammoth Bulbs, 9 to 11 inch circum.	.40	4.00	30.00
Monster Bulbs, 11 to 13 inch circum.	.50	5.50	40.00
Jumbo Bulbs, 13 to 15 inch circum.	.90	9.50	70.00

Henryi (*Yellow Speciosum Lily*). Tall grower, often 7 feet; produces flowers of a distinct orange yellow in great profusion; July-August	.45	4.50	30.00
Krameri. Blush pink; 3 feet; June-July	.40	4.00	30.00
Tigrinum Flore Plena (*Tiger Lily*). Orange spotted black; double	.30	3.00	22.50
Tigrinum Splendens. Single	.25	2.75	20.00

LILIUM PHILIPPINENSE FORMOSANUM

A gorgeous lily; profuse bloomer, easy to grow; one of the finest garden lilies recently introduced; bush growth is graceful, foliage long and grassy; flowers pure white and resemble an Easter lily, both in size and form, very fragrant; when flower first opens it is slightly colored externally with reddish brown, this coloration fades as the flower matures. As it is a stem rooting variety, it should be planted about 8 inches deep. It likes a sunny location and will do best in a soil free from lime. 30c. each; doz., $2.50; $16.00 per 100.

REGALE LILY

(LILIUM MYRIOPHYLLUM)

One of the finest garden lilies introduced; sturdy stems 3 to 5 feet high, producing an abundance of large, beautiful flowers, centers of which are flushed bright golden yellow, shading off to creamy white at outer edges; externally the flowers are streaked with brown, shaded a delightful pearly tint. Should be planted in Fall or early Spring, 8 to 9 inches deep; commences flowering in July. This variety has also been used for forcing with very good results.

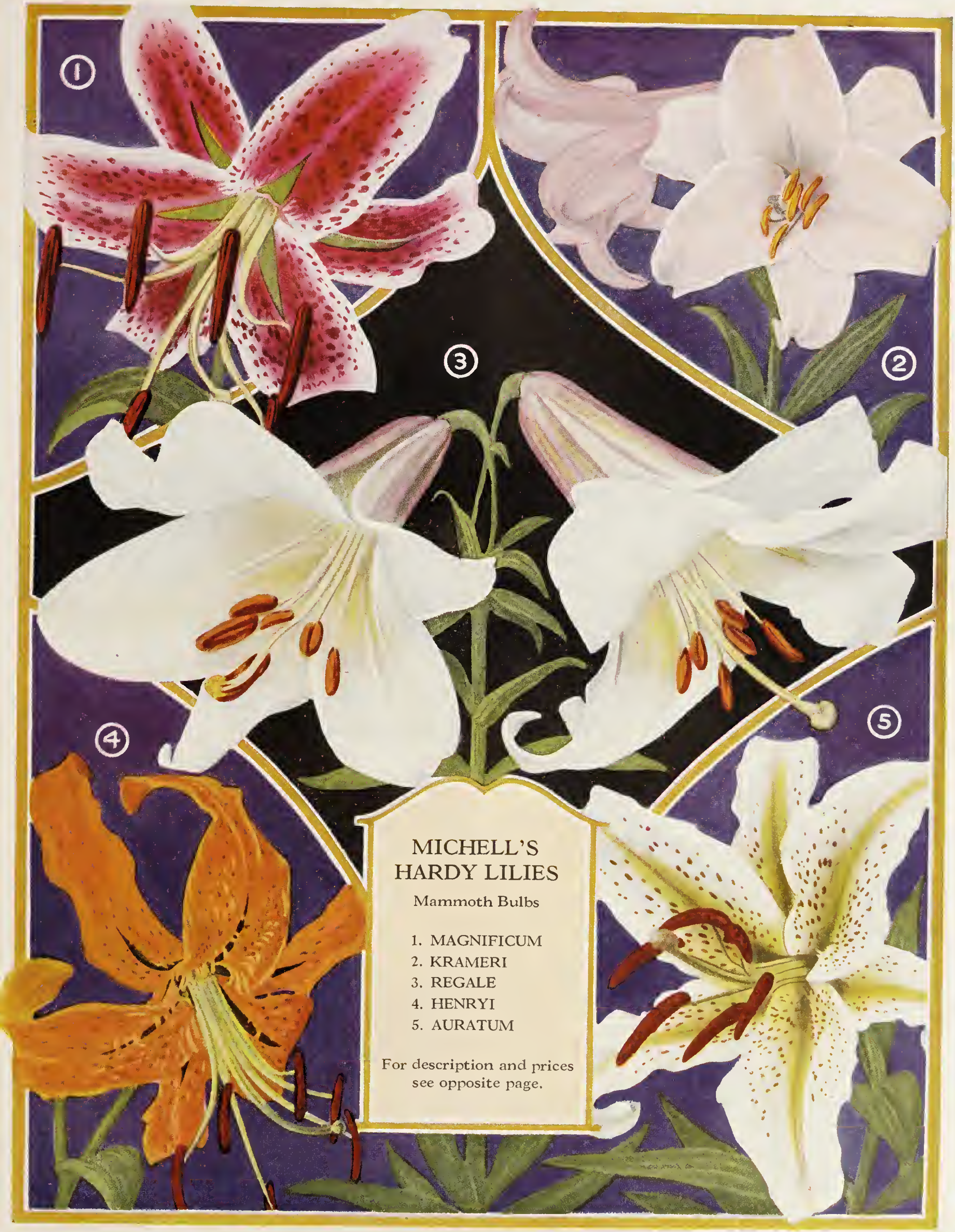
	Each	Doz.	100
Large Selected Bulbs, 7 to 9 inch circum.	$0.35	$3.50	$25.00
Mammoth Bulbs, 8 to 9 inch circum.	.45	4.50	32.50
Monster Bulbs, 9 to 10 inch circum.	.55	5.50	40.00
Jumbo Bulbs, 10 inch and up	.85	8.50	60.00

COLLECTION HARDY LILIES

Mammoth Bulbs. See Color Plate opposite.

1 each, 5 varieties, 5 bulbs, $1.85, postpaid.
6 each, 5 varieties, 30 bulbs, $10.75, postpaid.

See page 92A for other varieties of Lilies



MICHELL'S HARDY LILIES

Mammoth Bulbs

1. MAGNIFICUM
2. KRAMERI
3. REGALE
4. HENRYI
5. AURATUM

For description and prices see opposite page.

MICHELL'S HARDY GARDEN LILIES

If Lily Bulbs are wanted by Parcel Post, add 25c. per doz. for postage

MISCELLANEOUS JAPANESE LILIES

	Each	Doz.	100
Auratum Platyphyllum (*Macranthum*). Giant Golden Banded Lily; 4 to 5 feet; August	$0.50	$5.00	$35.00
Batemanni. Apricot colored; 3 feet; July	.40	4.00	30.00
Hansoni. Often grows from 3 to 5 feet high; reddish orange, 8 to 12 in a cluster; June	.70	7.00	50.00

Lily Hansoni

AMERICAN OR NATIVE LILIES

	Each	Doz.	100
Canadense (*Canadian Bellflower Lily*). Bright yellow flowers, spotted black inside; 3 to 5 feet; June-July	$0.30	$3.00	$22.00
Canadense Rubrum. Same type as above; crimson with black spots; 3 to 4 feet; August	.35	3.50	25.00
Davuricum. Upright scarlet flowers; 2 to 3 feet; June-July	.35	3.50	25.00
***Elegans, Leonard Joerg.** Rich apricot pink	.35	3.50	25.00
***Elegans Mixed.** Shades of orange; 2 feet; June-July	.30	3.00	20.00
Pardalinum. Orange, spotted crimson; 4 to 6 feet; July	.40	4.00	30.00
Superbum (*Turk's Cap Lily*). Grows from 4 to 5 feet high and produces from 15 to 25 orange red flowers on a stalk; August	.30	3.00	22.50
***Tenuifolium** (*Coral Lily*). A very graceful dwarf lily; thread-like leaves; clusters of tiny, bell-like recurved flowers of brilliant coral red; 1½ feet; June	.30	3.00	20.00
***Umbellatum.** Orange scarlet; 2 feet; June	.40	3.25	25.00

The varieties marked * are excellent for the rockery.

Lily of the Valley

LILY OF THE VALLEY

MICHELL'S SUPERB EXHIBITION TYPE

Cold Storage

The hit of recent Spring Flower Shows; the finest strain produced; pips are unusually large, producing giant spikes with massive bells. By all means grow a succession of these pips for a continuous display.

Doz.	$1.25	250	$20.00
25	2.50	500	38.50
100	9.00	1000	75.00

Michell's Fancy Flowering

Doz.	$1.00	250	$16.00
25	1.85	500	31.00
100	7.00	1000	60.00

Bundles. For outdoor planting only. Bundles contain 12 good size pips, with good root growth, all of which will flower with the proper care. They are especially imported from abroad, the best of the stock being selected for us. We can make shipment of these up to May 1st. 50c. per bundle (by P. P., 60c.); doz. bundles, $5.00 (by P. P., $5.25); $40.00 per 100 bundles.

GARDEN LILIES

By Preston

Preparation of the soil, planting the bulbs and general care are described in detail. 128 pages. Price, $1.25.

See color plate of Lilies opposite page 92

Single Tuberous Rooted Begonia

MICHELL'S SUPERB TUBEROUS ROOTED BEGONIAS

Our strain is the finest grown; enormous flowers of the most exquisite coloring produced in great abundance. These can be grown in porch or window boxes, or in the garden in semi-shady places; can be started in pots indoors very easily. Plant outdoors in May, in a light, well drained soil, where they will flower uninterruptedly from latter part of June till frost.

If wanted by Parcel Post, add 10c. per doz.; 20c. per 100, for postage. Single bulbs mailed free.

SINGLE BEGONIA. (Large Bulbs)

	Each	Doz.	100		Each	Doz.	100
Crimson	$0.20	$2.15	$16.00	**Scarlet**	$0.20	$2.15	$16.00
Orange	.20	2.15	16.00	**White**	.20	2.15	16.00
Pink and Rose	.20	2.15	16.00	**Yellow**	.20	2.15	16.00
Salmon	.20	2.15	16.00	**Mixed**	.20	2.15	16.00

DOUBLE BEGONIAS. (Large Bulbs)

	Each	Doz.	100		Each	Doz.	100
Crimson	$0.25	$2.50	$19.00	**Scarlet**	$0.25	$2.50	$19.00
Orange	.25	2.50	19.00	**White**	.25	2.50	19.00
Pink and Rose	.25	2.50	19.00	**Yellow**	.25	2.50	19.00
Salmon	.25	2.50	19.00	**Mixed**	.25	2.50	19.00

BEGONIA CRISPA. (Large Bulbs)

The edge of each flower petal is exquisitely frilled.

	Each	Doz.	100		Each	Doz.	100
Orange	$0.25	$2.50	$19.00	**Scarlet**	$0.25	$2.50	$19.00
				White	.25	2.50	19.00
Pink and Rose	.25	2.50	19.00	**Yellow**	.25	2.50	19.00
Salmon	.25	2.50	19.00	**Mixed**	.25	2.50	19.00

BEGONIA LLOYDII, Hanging Basket Type

Unsurpassed for vases, hanging baskets, porch and window boxes.

	Each	Doz.	100
Mixed Colors	$0.25	$2.50	$19.00

SPRING FLOWERING BULBS

By C. L. Thayer

Discusses the different kinds of Spring flowering bulbs, method of culture and uses. 128 pages. Price, $1.25.

AMARYLLIS

Cultural Directions.—There are few bulbs which will give the amateur gardener (or even the professional) more for his money or time than the Amaryllis.

Place the bulbs, when they are procurable (usually from Fall until Spring), in pots 4 to 6 inches or more in diameter, and cover only to the shoulder of the bulb, leaving the neck protruding. Use a rich sandy loam mixed with some bone meal or Sheep Manure. Water sparingly at first, but increase as the growth increases. A temperature of from 50 to 60 degrees is the most suitable. The flower spikes, often 3 to a bulb, will develop quickly, and each bears several of the immense, beautifully colored, lily-like flowers.

After blooming, it takes the foliage a considerable time to complete its growth, and the plants should be well cared for during that period, to insure next year's blooming. Dry off gradually and after the leaves turn yellow, keep the pots in a cool and dark place for about 4 or 5 months, when they can be started again as described above.

If wanted by Parcel Post, add 20c. per doz. for postage.

GIANT AMERICAN HYBRIDS

The finest race of Amaryllis in cultivation, exceeding in the size and fine form of their flowers as well as in the diversity of colors and markings, all former hybrids; flowers striped and flaked. We offer mixed colors only.

	Each	Doz.	100
Large selected bulbs	$0.60	$6.00	$47.50
Choice mammoth bulbs	.85	9.00	70.00

FANCY LEAVED CALADIUMS

These are grown for us by one of the leading Hybridizers. They are charming conservatory plants. Being of a tropical nature, they like a warm temperature. They do quite well outdoors during the Summer, if planted in a shaded place. The foliage covers a wide range of colors, making a grand display. The bulbs should be started in moss with plenty of bottom heat.

Ask for leaflet on their culture and care.

CHOICE NEW AND RARE NAMED VARIETIES

35c. each; doz., $4.00 (by P. P., $4.10); $30.00 per 100.

STANDARD NAMED HIGHLY COLORED VARIETIES

30c. each; doz., $3.00 (by P. P., $3.10); $22.00 per 100.

MIXED VARIETIES

An assortment especially blended for us. 25c. each; doz., $2.50 (by P. P., $2.60); $17.50 per 100.

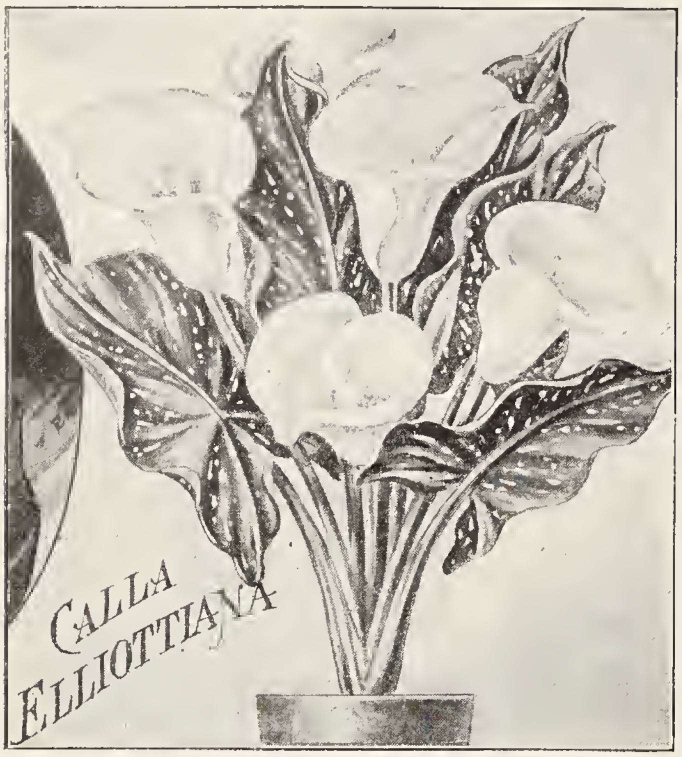
Note. It often happens that the finest colored varieties do not produce the largest bulbs. The bulbs we furnish can be depended upon for best results.

CALADIUM ESCULENTUM (Elephant's Ear)

As centerpieces in flower beds or for specimens on the lawn Caladiums are fine. Do not plant outdoors until after May 1st, but to get them in early growth, they may be started indoors.

	Each	By P.P.	Doz.	By P.P.	100
Jumbo Bulbs, 13-15″ circum.	$0.55	$0.65	$6.00	$6.35	
Monster Bulbs, 12″ circum. up	.30	.40	3.50	3.75	$25.00
Mammoth Bulbs, 9-11″ circum. 3 for 40c.	.15	.25	1.35	1.55	9.50
First Size Bulbs, 7-9″ circum. 3 for 25c.	.10	.20	.90	1.05	6.00

See pages 85 to 89 for complete list of Dahlias



CALLAS

Splendid as a pot-plant for the window garden or for growing outdoors, preferring a shaded location. May be started inside any time prior to May 1st, after which they can be safely planted out.

	Each	Doz.	100
Elliottiana. Yellow flower as large as the common white Calla; spotted leaf.			
Mammoth Bulbs	$0.35	$3.50	$25.00
Monster Bulbs	.50	5.50	40.00
Jumbo Bulbs	.70	8.00	60.00
Spotted. Flowers white; foliage green, spotted white	.35	3.50	25.00

If wanted by parcel post, add 15c. per doz. for postage.

CINNAMON VINE

Free growing climber, with small white flowers deliciously scented; makes a quick, dense shade. Monster roots, 3 for 30c.; doz., $1.00 (by parcel post, $1.10); $7.50 per 100.

GLOXINIAS

A gorgeous plant for either the conservatory or garden. They prefer a moist soil and a shady situation. Bulbs may be started as early as January, but should not be set outdoors until after May 15. We offer extra fine large bulbs.

If wanted by parcel post, add 25c. per 100 for postage.

	Each	Doz.	100
Emperor Frederick. Red striped white; monster flowers	$0.35	$3.50	$25.00
Emperor William. Purple striped white	.35	3.50	25.00
Purple	.35	3.50	25.00
Rose	.35	3.50	25.00
Tigered and Spotted	.35	3.50	25.00
White	.35	3.50	25.00
Choice Mixed Colors	.35	3.50	25.00

HYACINTHUS CANDICANS

(Summer-Flowering Hyacinth)

An ornamental mid-Summer flowering plant, producing from 20 to 100 large bell-shaped flowers of a creamy white color, clustered on spikes about 2 to 3 feet long. Plant bulbs about 6 inches deep, in a sunny location and in well drained rich soil. The bulbs will produce a succession of spikes for 2 or 3 months, particularly if the spikes are cut off as the flowers fade. 15c. each; doz., $1.35; $9.00 per 100.

ISMENE CALATHINA

(Pancratium Lily or Peruvian Daffodil)

A choice flowering bulb, blooming profusely during the Summer. Clusters of large, striking, fragrant pearly white flowers. Bulbs should be kept warm and dry and planted out the middle of May; they will commence flowering in July. Before freezing weather sets in they should be lifted and kept in a warm, dry place. Large bulbs, 20c. each; doz., $2.00 (by parcel post, $2.15); $12.00 per 100.

MADEIRA OR MEXICAN VINE

Also known as "Climbing Mignonette." A beautiful and popular vine, growing rapidly and much prized for porches and arbors; leaves heart-shaped and of a light green color; racemes of feathery white fragrant flowers are produced in profusion. Should be protected with litter during the Winter. Extra large selected tubers. 10c. each; doz., $1.00 (by parcel post, $1.10); $7.50 per 100.

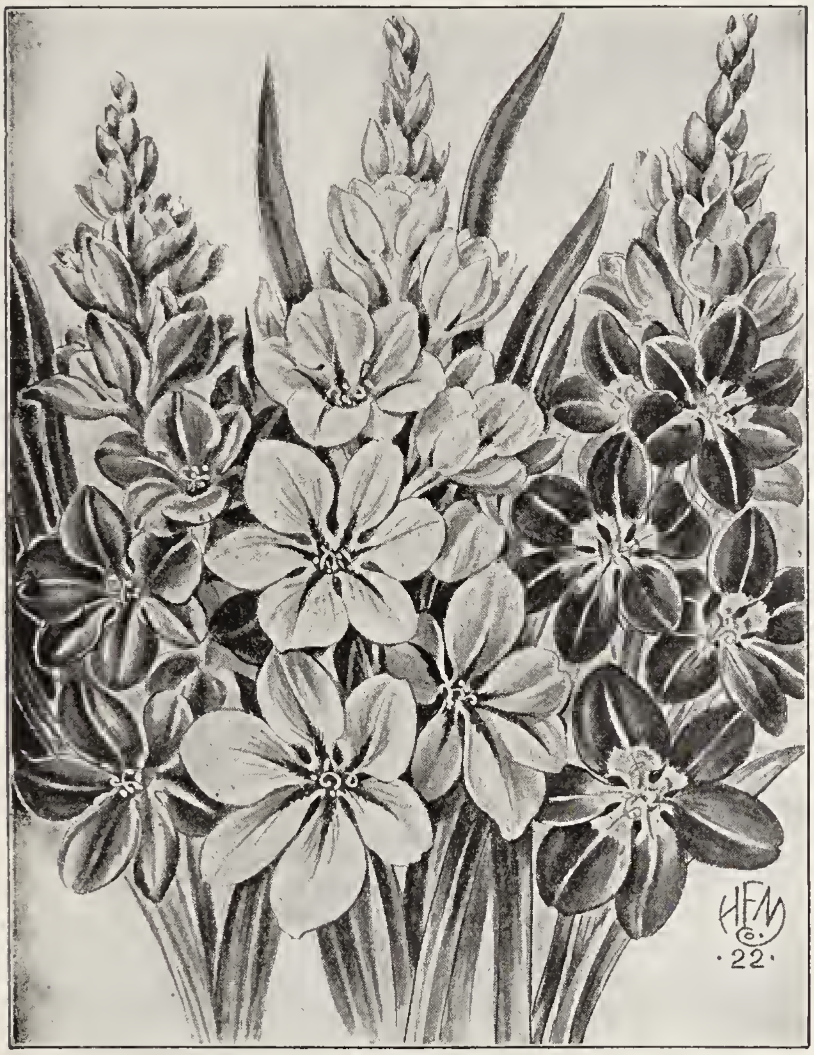
BOOK OF BULBS

Rockwell

A complete treatise on the growing of bulbs, both for Fall and Spring planting. 264 pages. Price, $2.00.

Gloxinias

See pages 92 and 92A for complete list of Lilies



Montbretias

MONTBRETIAS

Montbretias resemble miniature gladiolus, are fine for cutting and excellent for border planting. They prefer a light, loamy soil, well enriched with leaf mould, but no manure or chemical fertilizer should touch the roots; a little bone meal and a light top dressing of lime is beneficial. They will thrive either in partial shade or full sunlight, but see that the moisture supply is good at all times.

If wanted by Parcel Post, add 15c. per 100 for postage.

	Doz.	100
Aurea. A fine yellow variety	$2.00	$12.50
California. Deep yellow	2.50	18.00
Fire King. Fiery red	1.50	10.00
George Davison. Pure golden yellow	1.50	10.00
His Majesty. Rich yellow center, shading to brilliant scarlet	3.00	22.00
King Edmund. Rich golden yellow, with brown markings in throat	1.50	10.00
Queen Alexandra. Light golden orange, with crimson bars	2.50	18.00
Rosea. Bright salmon rose	1.50	10.00
Star of the East. Immense flowers, averaging five inches across; color, pale orange yellow, with lemon yellow eye. One of the finest varieties we can recommend	4.25	32.50
Talisman. Splendid orange red	2.00	12.50
Choice Mixed	1.00	7.50

OXALIS (Summer Blooming)

Valuable for edging the borders of walks or flower beds.

Mammoth Bulbs	Doz.	100	By P.P.
Deppei. Small white flowers	$0.20	$1.25	$1.40
Lasiandra. Rosy pink; beautiful cut foliage	.20	1.25	1.40
Shamrock. Clover like foliage; pink flowers	.20	1.25	1.40

TIGRIDIA PAVONIA

(Mexican Shell Flower)

An excellent flowering bulb for the garden, known as the "Tiger or Shell Flower." Colors vary from pure white to gold and vivid scarlet, all are deeply blotched and speckled with crimson maroon. Plant in May, 6 inches apart and 3 to 6 inches deep; they require treatment similar to gladiolus.

	Each	Doz.	By P.P.	100
Hybrida Mixed	$0.20	$1.75	$1.90	$12.00

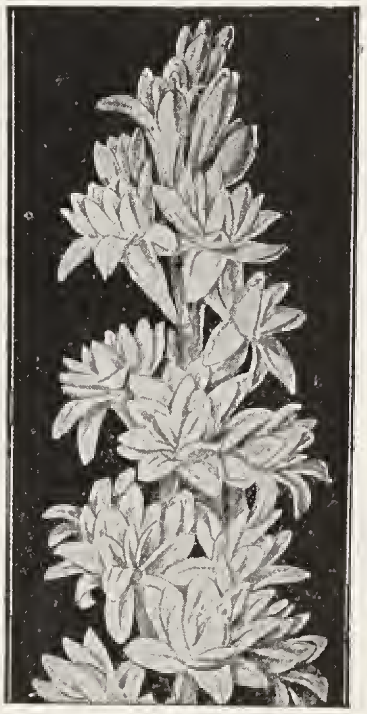
TUBEROSES

One of the most fragrant and popular of summer flowering bulbs. For flowering in the open, plant about the middle of May.

Double Pearl. Pure white first size bulbs, 60c. per doz. (by parcel post, 70c.); per 100, $4.00.

Double Pearl Mammoth. Extra large selected bulbs. 3 for 30c.; $1.15 per doz. (by parcel post, $1.25); per 100, $8.00.

Albino or Mexican. Single white, blooming in July and August. A very free-flowering variety. The odor is less pronounced than in the double varieties. 60c. per doz. (by parcel post, 70c.); per 100, $4.00.



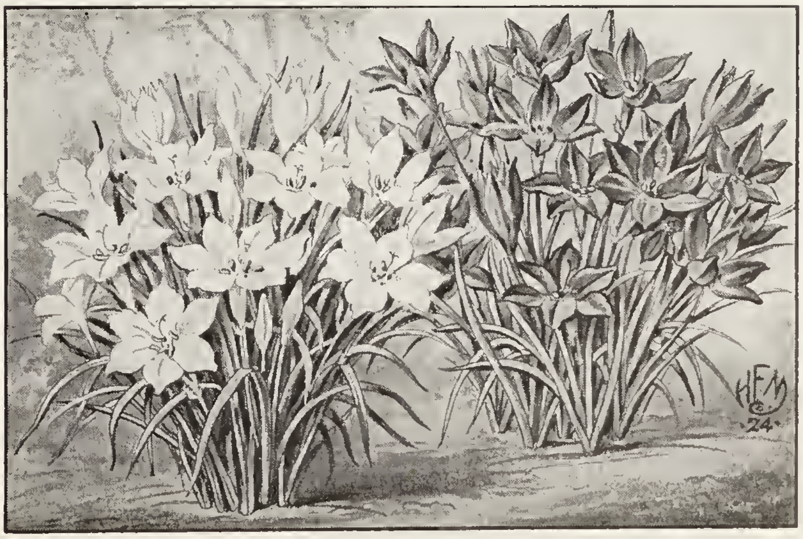
Tuberose

ZEPHYRANTHES (Fairy Lily)

This is a small flowering type of dwarf growing Amaryllis, flowering in profusion during the Summer; also suitable for pot culture.

	Doz.	100
Carinata. Pink, very large and showy	$1.00	$7.00
Treatea Alba. Pure white	.60	4.00
Treatea Rosea. Clear rose	.90	6.00

If wanted by parcel post, please add 10c. per doz. for postage.



Zephyranthes

PLEASE READ CAREFULLY BEFORE ORDERING PLANTS FROM THIS CATALOG

So far as possible, when there are other goods on your order, please write the portion applying to plants on a separate sheet.

Plant orders are filled and shipped at what we consider the proper season for planting, unless otherwise instructed by customers.

Shipments for Southern States or localities, where cold weather is not a permanent thing, are made as soon as possible, unless otherwise instructed.

Shipments are best made by express, except orders for small plants or few in number. These can be sent via parcel post, if sufficient remittance on cash orders accompanies same.

In some cases the parcel post charges may be slightly in our favor, in the other instances they will be in favor of the buyer, although our customers should not overlook that it requires expert packing for safe arrival of shipments via parcel post.

Please Note:—Orders for less than the number of Plants listed cannot be filled, unless they are offered at our counter and are taken with. Prices are especially established for these.

SHIPPING TIME

In average seasons, applying to orders booked for Spring.

Hedge, Small Fruits, Trees, Flowering and Ornamental Shrubs. Sometimes late in March, generally during April and lasting until growth is too far advanced for transplanting with safety or assurance of stock surviving.

Herbaceous Perennials. April and continuing until either stock is exhausted or until season is too far advanced. Most perennials are pot-grown and can be planted safely at any season, as long as they are procurable.

Roses. May is the best month for these, unless April is warm and settled.

Bedding Plants. Geraniums, Cannas, Salvia, etc., are usually shipped beginning May 10th.

SPECIAL CAUTION

NOTICE—On receiving Plants, unpack them, plant and water thoroughly immediately. If they cannot be planted at once, at least unpack and water them. Newly planted stock, no matter how moist it may appear, should at planting time and every day (in the evening) for a week thereafter, be watered thoroughly, unless we have rain each day during the period. Most losses, through Plants, Shrubs, Trees, Hedges, etc., dying, are caused by their not being watered sufficiently and regularly at planting time.

SPECIAL NOTICE ON GUARANTEE

We spare no effort to supply all Plants, Trees, etc., of the best quality in first-class living condition. On account of the many causes beyond our control, we regret we cannot guarantee this stock to live and establish itself, as that is entirely within the power of the buyer or planter.

If plants are wanted by parcel post, please add 10 per cent for points east of the Mississippi River, 15 per cent for points west of the Mississippi River.

MICHELL'S CHOICE BEDDING PLANTS

ACHRYANTHES

Excellent for edging beds of various kinds; makes a fine show against a green or yellow background.

Brilliantissima. Crimson foliage; very bright. Extra strong plants, 25c. each; doz., $2.50; $15.00 per 100.

AGERATUM (Floss Flower)

These are one of the freest of flowering annuals and can be adapted to many purposes. As an edging in a garden border few plants surpass it.

Henry F. Michell. It is the dwarfest growing and largest flowering variety in existence; produces immense quantities of most beautiful clear blue flower heads all Summer.

Blue Perfection. Large heads of deep blue flowers produced in abundance; 12 inches.

Price of Ageratums, 30c. each; doz., $3.00; $20.00 per 100.

ALYSSUM

Little Gem. Pure white flowers; dwarf compact plant; desirable for edging, flowering all season; 6 inches high. 15c. each; doz., $1.50; $10.00 per 100.

AMARANTHUS

Molten Fire (*Summer Poinsettia*). Very ornamental and the most beautiful of all Amaranthus; leaves dark bronze, center Poinsettia red. We offer selected plants. 25c. each; doz., $2.50; $15.00 per 100.

ANTIRRHINUM (Snapdragon)

LARGE FLOWERING, HALF DWARF

A very effective plant for massive bedding or border planting. If flowers are cut off after blooming they will continue to flower until frost. In separate colors as follows:

White, Pink, Yellow and Scarlet. Extra strong plants. 30c. each; doz., $3.00; $20.00 per 100.

ASTERS (Giant Branching)

We grow a large stock in separate colors; **Pink, Crimson, White and Blue.** Extra strong plants. 15c. each; per doz., $1.50; $10.00 per 100.

BEGONIAS (Fibrous Rooted)

Gracilis Luminosa. A splendid variety with bronzy red foliage and brilliant scarlet flowers; very free blooming.

Prima Donna. One of the best bedding Begonias, having lovely rose-colored flowers shading to carmine.

4-inch pot-plants, 30c. each; doz., $3.00; $20.00 per 100.

New Orange Shaggy Calendula

CALENDULA (Pot Marigold)

These somewhat resemble a double daisy; are fine for cutting, border planting or as a background.

Chrysantha. A new break in Calendulas which originated in Australia. The flowers bear a most striking resemblance to a Chrysanthemum; remarkable for its great length of stem and large double, clear buttercup-yellow flowers. This variety is ideal as a cut flower for interior decorations.

Orange King. Very deep orange.

Orange Shaggy. This new variety is a distinct break in Calendulas. The petals are long and deeply fringed or laciniated. The color is a deep orange shading to a slightly lighter two-tone effect. The plants grow about 18 inches high and the stems are sufficiently long for cutting.

30c. each; doz., $3.00; $20.00 per 100.

CENTAUREA CYANUS (Cornflower)

These are also known as Bachelor's Buttons and were always found in old-fashioned gardens. They are easily grown and are excellent for cutting. 15c. each; doz., $1.50; $12.00 per 100.

CENTAUREA GYMNOCARPA

(White-leaved Centaurea or Dusty Miller)

Grown for their silvery foliage as edging plants; also fine for bedding, vases, hanging baskets, etc. As a border for a bed of Scarlet Sage they are very showy. 15c. each; doz., $1.50; $10.00 per 100.

COBEA SCANDENS

A beautiful blue, cup-shaped flowering annual climber; very desirable for lattice covering, etc. Strong plants, 4-inch pots, 40c. each; per doz., $4.00.

COLEUS

The popular bedding plant, with beautifully colored foliage; used extensively for edging Canna and Geranium beds.

Golden Bedder. Rich canary yellow foliage.
Queen Victoria. Red foliage with yellow edge.
Verschaffelti. Dark crimson foliage.

15c. each; doz., $1.50; $12.00 per 100.

COSMOS

Michell's Giant Flowering Strain, producing enormous, long-stemmed flowers late in the Autumn.

Pink, White, Red, each color separate.

Klondyke, Orange Flare. Now we may grow a lovely, orange colored Cosmos and be assured of having the flowers before frost. The color is a vivid orange with attractive light green foliage.

15c. each; doz., $1.50; $12.00 per 100.

GERANIUMS

Beaute Poitevine. Salmon pink; very double.

Breem's Charm (*New*). Bright scarlet; very compact grower and very free flowering.

Helen Michell. Bright rich scarlet; gigantic flower.

Rose Scented. The old-fashioned sweet scented variety.

Sensation (*New*). Bright scarlet, in flower during the entire season; compact, medium dwarf with enormous flowers.

Price of any of the above Geraniums, extra fine stock, 35c. each; doz., $3.50; $25.00 per 100.

HELIOTROPE (Cherry Pie)

A great favorite in the old-fashioned gardens, principally on account of their delightful fragrance. We offer two varieties which are the finest to date.

Centefleur. A vigorous grower, producing large trusses of deep blue flowers with a conspicuous white eye.

Royal Fragrance. The latest introduction, truly a wonderful Heliotrope. A dwarf grower, about 10 inches high, bearing immense trusses of deep violet-blue flowers, marvelously fragrant. Grown in a solid bed it makes a wonderful show, blooming continuously from early July until frost, perfuming the whole garden.

35c. each; doz., $3.50; $25.00 per 100.

HYDRANGEAS (See pages 131 and 133)

LANTANA

There are few Summer-flowering plants that give more satisfaction than Lantanas; they bloom continuously throughout the Summer and are coming into great favor on account of their bright, showy colors.

M. Schmidt. Rich orange turning to crimson; dwarf and bushy.

Radiation. Rich orange flowers turning to crimson as they mature; a wonderful bedding plant, as it is very dwarf and covered with flowers throughout the Summer.

35c. each; doz., $3.50; $25.00 per 100.

LEMON VERBENA

Pointed green lemon-scented foliage; fine for mixing among cut flowers. 35c. each; doz., $3.50; $25.00 per 100.

LOBELIA

Compacta. Blue flowering plant, for edging and hanging baskets. 15c. each; doz., $1.50; $12.00 per 100.

New Scarlet Geranium, Sensation

MARIGOLD

These are favorites in all old-fashioned gardens; in bloom from early Summer until frost. Grown from selected seed.

AFRICAN VARIETIES

Golden Emblem. Flowers rich golden-yellow in color, very large and double, often measuring 4 to 5 inches in diameter.

Guinea Gold. A distinct type, all flowers being double or semi-double; color clear orange flushed with gold; very loose petaled and lacks the odor of the regular African Marigold.

Lemon Queen. Soft lemon-yellow, large flowers.

Orange Prince. Large flowers of deep golden-orange, very showy.

Yellow Supreme. Broad, loose frilled petals; similar to Guinea Gold but in color a rich, creamy lemon-yellow. The plant is very symmetrical; 2 feet. A splendid cutting variety.

FRENCH VARIETIES

Double Monarch. The flowers are large and exceedingly double in a wide range of colors, which includes combinations of orange, bronze, yellow and mahogany; excellent for bedding or border use.

Harmony (1936 *Novelty*). A splendid new French variety. Scabious flowered type; deep orange with maroon collar. Very double, free flowering and splendid for borders. One of the best of the newer sorts.

Legion of Honor (*Little Brownie*). Single flowers; golden yellow with a large spot of crimson velvet; 9 inches; early flowering.

15c. each; doz., $1.50; $12.00 per 100.

MOON VINE

Ipomoea Noctiflora. A pure white variety blooming toward evening and in the forenoon; the flowers are frequently 6 inches in diameter. Extra strong plants. 40c. each; doz., $4.00.

PASSIFLORA (Passion Flower)

Pfordti. An attractive climber for outdoor planting in Summer, bearing a profusion of light blue flowers suffused with pink. Price, 40c. each.

PETUNIAS

Of the annual flowers, this is probably the most universally used; it can be put to a variety of uses, for bedding, baskets, window boxes or urns; they flower continuously.

Giant Single Strain. Mixed colors.

Rosy Morn. Dwarf; brilliant rose color with white throat.

Double Victorious. Very dwarf and compact in habit of growth with large fully double flowers in many brilliant and fancy colorings.

Double Carmine Queen. A very dwarf, compact growing variety with beautiful rosy-carmine flowers.

Double White Queen. Dwarf and compact in habit of growth with pure white flowers, very double and beautifully fringed.

Martha Washington. A new break in Petunias, a ruffled or frilled compact type growing about 9 inches high, the plants being literally smothered with blooms about 3 inches in diameter. The coloring is a blush-pink with the center veined winered deepening at the base of the throat. The veining is so unique that the flowers resemble a Pelargonium, hence the name.

Periwinkle Blue. A welcome addition to the dwarf erect free flowering type. The color of this novelty is a delightful shade of pastel blue, resembling, very much, the perennial Vinca.

Rose Gem (*1936 Novelty*). Rose Gem is a charming addition to the new miniature group of Petunias which was started with Pink Gem. Rose Gem is the color which the public has been asking for in this miniature form. It is the rich deep rose that has made Petunia Rose of Heaven so popular. The plant is neat and compact, five to six inches high and smothered with rich rose colored blooms about two inches in diameter.

30c. each; doz., $3.00; $20.00 per 100.

PHLOX DRUMMONDI

These are a splendid bedding or border plant.

Dwarf. Red, white, pink, each separate.

Gigantea Art Shades (*1936 Novelty*). A new strain of Phlox Drummondi with flowers an inch and a quarter to an inch and a half in diameter. In addition to its enormous flowers (which in itself would be enough to justify it as a novelty) it has a most wonderful range of color in soft art shades. The colors range as follows: Salmon with white eye, deep salmon with cream eye, apple blossom, soft rose with white eye, light blue with white eye, pale violet with white eye, light mauve with cream eye, rose with white eye and many other pleasing art shades. Plants about nine inches high. Choice mixture, only.

25c. each; doz., $2.50; $20.00 per 100.

SALPIGLOSSIS (Painted Tongue)

Easy growing annual plants which have become great favorites, not only because of its easy culture, but mainly for its beautifully tinted and veined flowers; blooms from early Summer until late Fall; 18 inches. 25c. each; doz., $2.50; $15.00 per 100.

SALVIA (Scarlet Sage)

No show of flowers can equal that produced by Scarlet Sage; it makes a blaze of color when massed or planted in beds that can be recognized at a great distance.

America. The best of all the Scarlet Sages; the earliest and most continuous bloomer, as well as the most uniform in habit of growth. Strong plants, 30c. each; doz., $3.00; $20.00 per 100.

SCABIOSA (Mourning Bride)

Magnificent hardy annuals of easy cultivation, blooming freely through the Summer and Autumn. They are very decorative for beds or borders in the garden and are invaluable for cutting. 25c. each; doz., $2.50; $15.00 per 100.

VERBENAS

MICHELL'S MAMMOTH FANCY STRAIN

Used for edging borders, or for window boxes and vases.

Can be supplied in separate colors; Pink, Purple, Scarlet, White and Striped. 25c. each; doz., $2.50; $15.00 per 100.

VERBENA VENOSA

(HARDY GARDEN VERBENA)

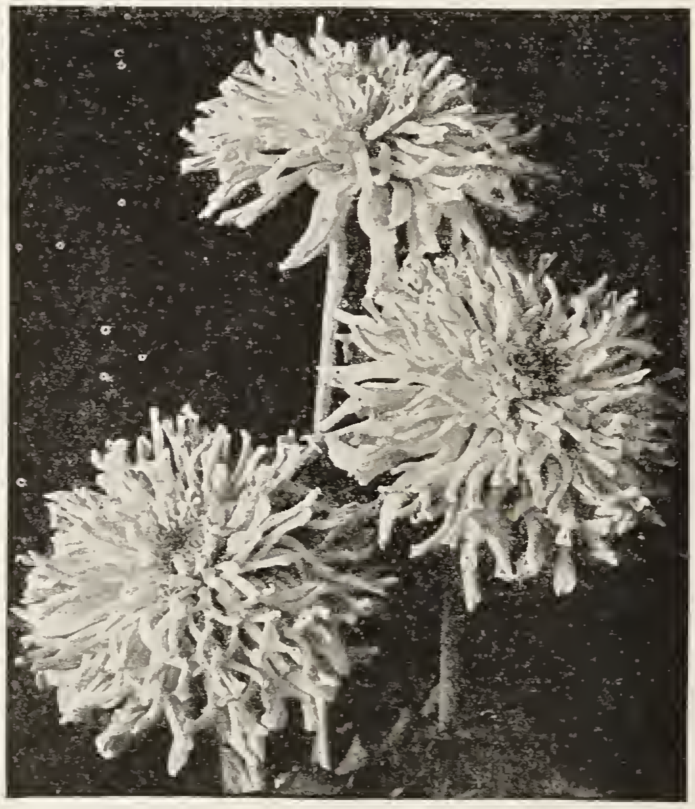
Becoming very popular as a bedding plant. A strong, thrifty grower about 1 foot high, producing freely bright, heliotrope-colored flowers from early Summer until frost. 30c. each; doz., $3.00; $20.00 per 100.

VINCA ROSEA

This is the flowering type used for bedding or vases; a bed or border planted with these is a beautiful sight; for either full sun or in partial shade they are well adapted. Pink, white, white with pink eye, each color separate. 25c. each; doz., $2.50; $15.00 per 100.

VINCA MAJOR VARIEGATA

A trailing plant used for hanging baskets and window boxes, green foliage mottled white. Extra strong pot-plants. 35c. each; doz., $3.50; $25.00 per 100.



Zinnia, Fantasy or Chrysanthemum Flowered

ZINNIAS

Fantasy or Chrysanthemum Flowered. A new Zinnia; the rounded flowers are composed of a mass of shaggy, ray-like petals which give a delicate and refined appearance to the medium-sized, double flowers. The color range includes the brightest of red and orange as well as the popular pastel pinks and cream.

Michell's Giant Dahlia Flowered. Distinct from the ordinary Giant flowering class; extra large and of a true Dahlia flowered type. Plants grow from 2½ to 3 feet high. Separate colors, Orange-Yellow, Old Rose, Orange and Gold, Scarlet and Mixed.

Elegans, Lilliput. Of compact habit, not over 15 inches high; beautiful miniature, perfectly double flowers, splendid for bedding and cutting. Separate colors. Yellow, Orange, Salmon-Rose, Scarlet and Mixed.

Price of Zinnias, 15c. each; doz., $1.50; $12.00 per 100.

NOTE—Please read carefully instructions on page 96 before ordering plants.

ASPARAGUS

Plumosus Nanus (*Asparagus Fern*). Highly desirable for fern dishes, bouquet greens, garlands, etc.

Sprengeri (*Emerald Feather*). Excellent for hanging-baskets, brackets and cutting. One of the best plants for the window box. 3-inch pots, 25c. each; doz., $2.50; $15.00 per 100. 4-inch pots, 50c. each; doz., $5.00.

CRASSULA ARBORESCENS

Frequently called Japanese Rubber plant. Heavy stems with thick fleshy leaves about 3 inches long; a very popular house plant, either as specimens or for indoor rock and miniature gardens. Strong plants, 3-inch pots, 50c. each; 4-inch pots, $1.00 each; 5-inch pots, $1.50 each.

DRACAENA

Godseffiana. Entirely different from all other Dracaenas; of free branching habit, making bushy and graceful plants; dark green leathery foliage dotted with spots of creamy-white. 3-inch pots, 50c. each.

Indivisa. Attractive, used as a center piece for a round bed, urn or vase and in cemetery work. Strong, 4-inch pot-plants, 50c. each; 5-inch pot-plants, $1.00 each; 6-inch pot-plants, $1.50 each.

Massangeana. An excellent house plant with broad, dark green foliage and a broad golden yellow band through the center of each leaf. Strong plants, 4-inch pots, 75c. each; 6-inch pots, $2.00 each.

Fern, Nephrolepis, Teddy, Jr.

FERNS

The varieties we offer here are the best of their class and all are good house plants.

Nephrolepis, Dwarf Boston. A dwarf form of the original Boston Fern, makes a more shapely plant.

" **Scotti.** An old favorite; dwarf and bushy.

" **Teddy, Jr.** A dwarf form of the Roosevelt fern; very bushy.

" **Verona.** The best of the crested or Lace Ferns.

Any of the above Ferns, 4-inch pots, 50c. each; 6-inch pots, $1.00 each.

FICUS (Rubber Plant)

Elastica Craigi. A much improved form of the well-known Rubber plant, a stockier grower, the leaves being closer together, making a much more shapely plant. 6-inch pots, $1.50 each.

GARDENIA (Cape Jessamine)

Veitchi. Beautiful evergreen greenhouse shrubs, with delightfully fragrant, pure white, waxy flowers; in bloom from April to June. Strong pot-plants, $1.50 each.

GENISTA (Fragrant Broom)

Fragrans. A very desirable Spring flowering plant, with fragrant bright golden-yellow flowers produced in the greatest profusion. A fine window plant and desirable for Easter decoration. Strong pot-plants, flowering size, 75c. each.

OPHIOPOGON (Lily Tuft)

Jaburan Variegatus. A pretty variegated foliage plant, useful either as a pot-plant for the window or for planting out in Summer. The narrow, dark green foliage is prettily striped with gold and during July and August spikes of blue flowers add to its beauty. Strong plants, 50c. each.

PANDANUS

We highly recommend this plant where a good many varieties of other decorative plants will not do. They will thrive even in dark places such as reception halls, living rooms, etc.

Veitchi. Highly colored plants. 4-inch pots, 75c. each; 6-inch pots, $2.00 each; 8-inch pots, extra heavy, $4.00 each.

PEPEROMIA

Sandersi (*Watermelon Begonia*). Elongated convex leaves, dark green striped silver, somewhat like a watermelon; a very good house plant. 50c. each.

POTHOS (Ceylon Creeper)

Aureus Wilcoxi. A real improvement over the old, widely known "Aureus" and really an outstanding plant. The foliage of this new variety is more distinctly variegated, the light yellow variegation extending to the stems which are an ivory color with an occasional tint of pink. Strong 3-inch pot-plants, 50c. each.

SANSEVIERIA ZEYLANICA LAURENTI

This variety, in addition to the variegation shown in the ordinary sort has a band of yellow on each edge of the leaves, which adds greatly to its decorative effect. 4-inch pot-plants, 75c. each; 6-inch pot-plants, $2.00 each.

Sansevieria Zeylanica Laurenti

VITIS (Grape Ivy)

Rhombifolia. A graceful trailing vine, with dark, glossy green, trifoliate leaves. An excellent house plant. Strong 4-inch pot-plants, 75c. each.

Any of the above plants are suitable for the porch or sun room

MICHELL'S HARDY GARDEN ROSES

The Roses we are offering are all strong 2-year field grown plants that were dug last Fall and potted into 6-inch pots, then stored in cold frames without any artificial heat. During the latter part of March these potted plants are moved to beds in the open air where they receive no further protection. Under this treatment the plants develop in a natural way and are not only superior to stock which has been developed into full growth under glass, but also better for Spring planting than plants which have been carried in cellars, in cold storage or kept dormant in any other way until planting time in late April or May. Roses thrive best in an open sunny position and they should be planted away from all trees and shrubs so that the roots will have the full benefit of the nourishment in the soil. Roses are gross feeders and consequently require a rich soil. Select a well drained position where the soil is good and dig in a liberal amount of well decomposed stable manure, thoroughly mixing it with the soil. For best results the beds should be made from 4 to 5 feet wide, planting the Hybrid Teas 18 inches apart and the stronger growing Hybrid Perpetuals 2 feet apart, planting all about 8 inches or 10 inches from the edge of the beds. The pot grown plants we send out have already been pruned and arrive with a ball of earth around the roots; this ball should not be disturbed but should be thoroughly wet when planted. Budded Roses should be planted so that the bud is about 2 inches below the surface of the ground; firm the soil well around the roots and give a thorough watering. Throughout the Summer, the surface of the bed should be frequently cultivated, or a good mulch of our granulated Peat Moss will be found very beneficial, as it not only keeps the ground cool and moist but it prevents the growth of weeds.

GENERAL LIST OF MICHELL'S SELECT HYBRID TEA ROSES

ALEZANE

Plant Patent No. 116

Bud urn shaped, large reddish-brown opening to sorrel, unfurling to rich apricot and reverse of petals veined yellow, not affected by hot or wet weather. Growth very vigorous, upright, branching dark green foliage. An extremely interesting and striking novelty which has attracted much attention wherever shown. $1.50 each; per doz., $15.00. See color plate opposite.

AMELIA EARHART

Plant Patent No. 63

Large ovoid buds, cream with blushes, open flowers very full, graduating from a deep yellow center to an outer collarette of large cream petals with a blush overtone, very fragrant, free flowering, a good strong grower with dark green leathery foliage. A worth while addition. $1.50 each; per doz., $15.00.

Angele Pernet. A most unusual color in Roses. Long pointed buds opening into semi-double fragrant flowers of a coppery, orange-yellow. 85c. each.

Autumn. Novel and distinct in coloring, burnt orange streaked with red. 85c. each.

Hybrid Tea Rose, Carrie Jacobs Bond

BETTER TIMES

Plant Patent No. 23

Interesting long crimson buds opening into brilliant cerise-red flowers which are large, very double, delicately fragrant and produced on long, strong stems, making them excellent for cutting. Foliage is leathery and dark green. A very free full bloomer and one of the outstanding new Roses. $1.50 each; $15.00 per doz.

Briarcliff. A wonderful improvement on the favorite pink variety, Columbia; splendid buds opening into flowers with high pointed centers of a beautiful bright clear rose-pink, sweetly scented; vigorous and free flowering. 85c. each.

Caledonia. The most desirable white; exceptionally long pointed bud opening to a very double, high centered, long lasting, very large, moderately fragrant flower. Continuous free bloomer. 85c. each.

CARILLON

Plant Patent No. 136

A bedding Rose of great activity, giving at all times a note of cheer in the garden. The long pointed buds are orange-scarlet contrasting pleasingly with the green sepals. The half open flower is a deep coral, overcast with orange and when fully open is very large, the inner petals being irregularly but artistically arranged. The bush is branching so that when planted in mass the whole bed is blanketed with glossy foliage upon which rest the numerous flowers. $1.50 each; per doz., $15.00. See color plate opposite.

CARRIE JACOBS BOND

Patent Pending

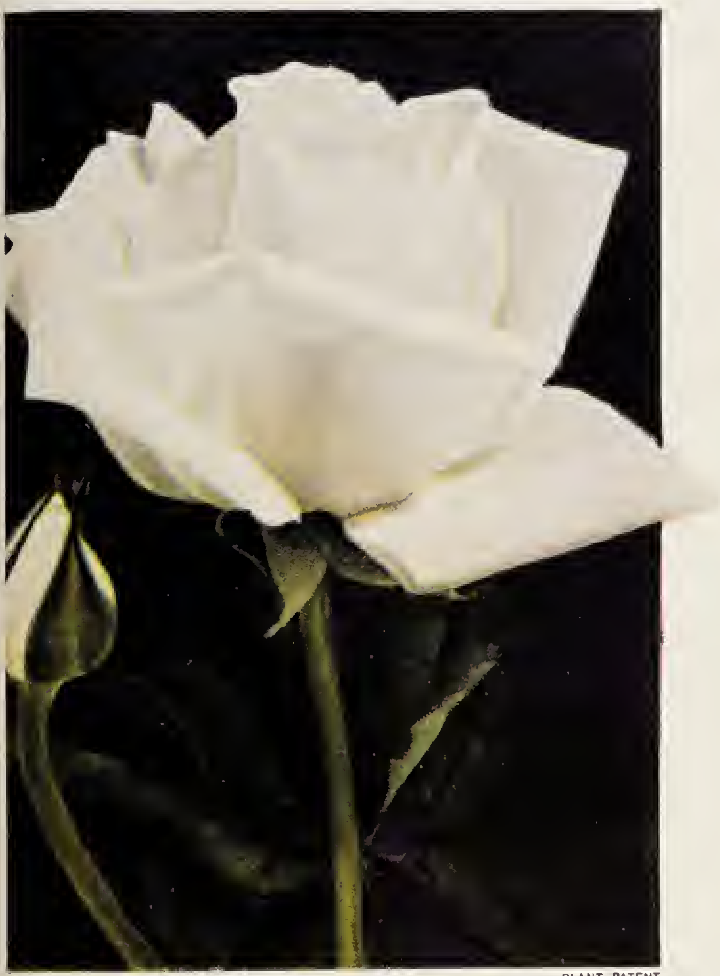
The Most Outstanding Rose of the Decade

A magnificent new Rose named in honor of the author of "The End of a Perfect Day." Of aristocratic growth with large, double flowers of ideal form carried singly on long upright stems. The color is an enchanting rich deep rose enhanced by a luminous coral sheen. Moderately fragrant and good at all seasons. We feel confident that it will be the most popular Rose of the years to come. $1.50 each; per doz., $15.00.

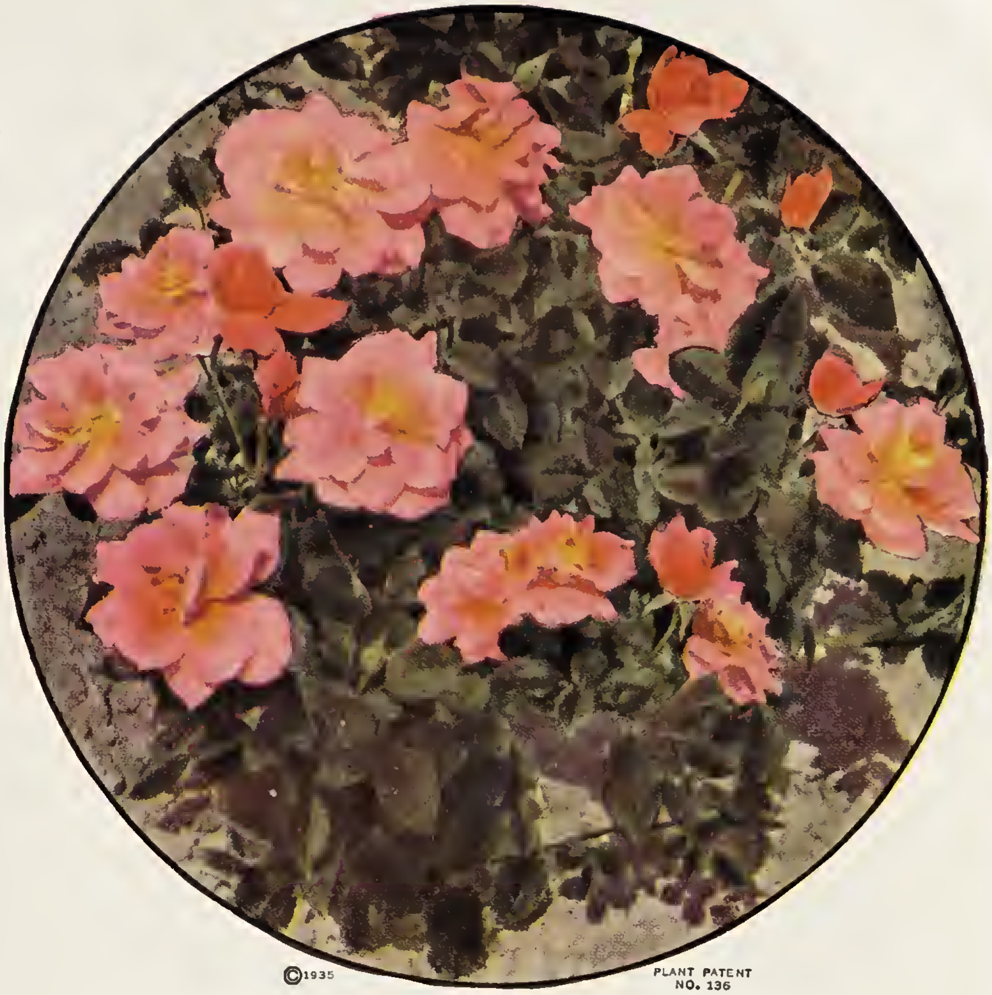
**All varieties listed on this page at 85c. each will be supplied at $9.00 per doz.;
6 or more plants will be supplied at the dozen rate**

(wn)

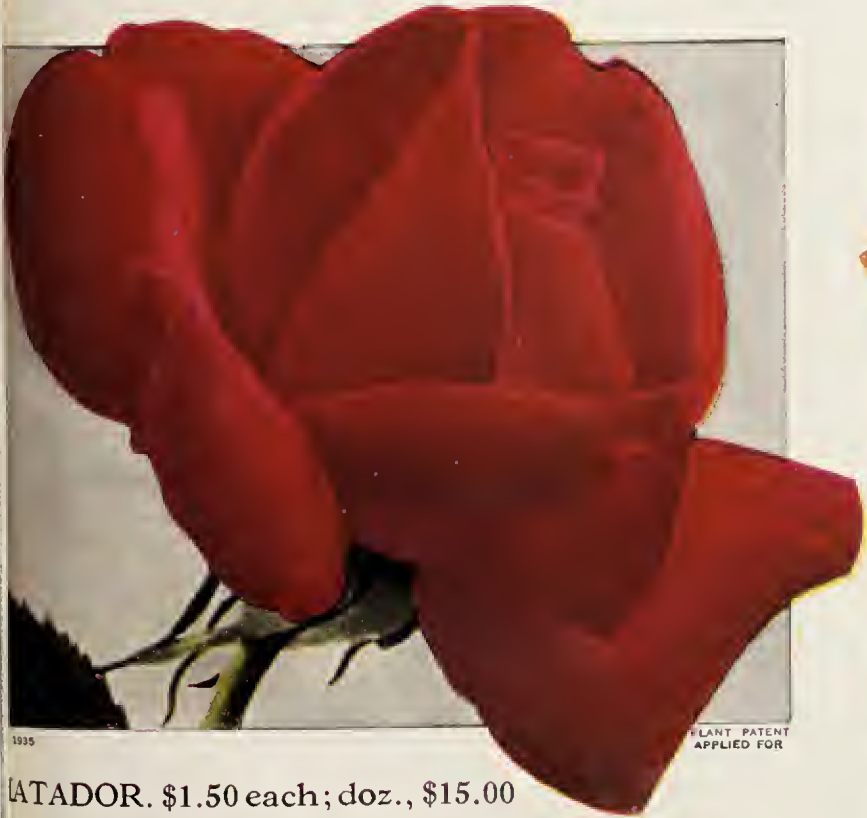
THE NEWER ROSE CREATIONS


© 1935
PLANT PATENT NO. 108

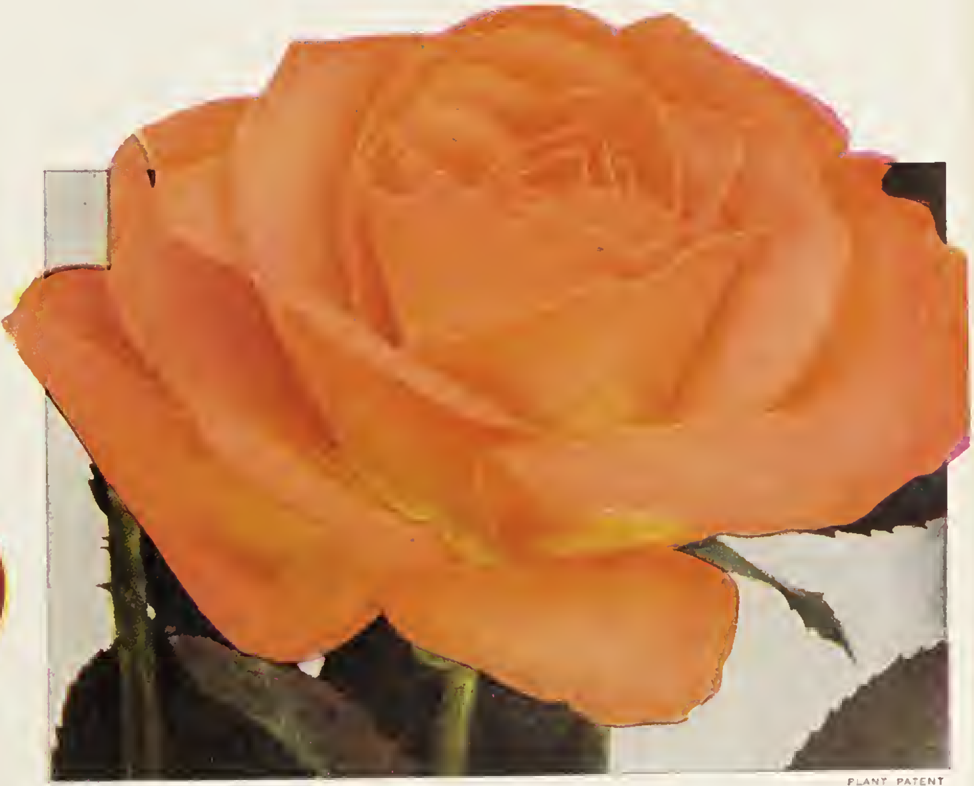
WHITE BRIARCLIFF. $1.50 each; doz., $15.00


©1935
PLANT PATENT NO. 136

CARILLON. $1.50 each; doz., $15.00


1935
PLANT PATENT APPLIED FOR

ATADOR. $1.50 each; doz., $15.00


© 1935
PLANT PATENT NO. 116

ALEZANE. $1.50 each; doz., $15.00

GENERAL LIST OF MICHELL'S SELECT HYBRID TEA ROSES

Charles K. Douglas. Fine, long pointed buds opening into large flowers of bright crimson-scarlet; slightly fragrant. A strong grower and one of the best red Roses for the garden. 85c. each.

Charles P. Kilham. Large, beautifully shaped blooms of brilliant orange-red, suffused with scarlet; slightly fragrant. Healthy foliage and a vigorous grower. 85c. each.

Columbia. One of the most popular roses, being a vigorous grower and very free flowering. The flowers are of a pleasing shade of rose pink, large, fragrant and perfect in form. 85c. each.

Constance. A free flowering variety, producing beautiful long orange-yellow buds of perfect form, more or less streaked with crimson, as they develop they open to a full globular flower of golden-yellow. 85c. each.

COUNTESS VANDAL

Plant Patent No. 38

The outstanding Rose at the Century of Progress in 1934. Vigorous and free flowering, with long pointed buds of good size, opening into double, long lasting, fragrant flowers of a lovely coppery pink and gold. "The Queen of the Garden." $1.00 each; per doz., $10.00.

CRIMSON GLORY

Patent Pending

This beautiful, vigorous and free flowering Rose gives us every promise of becoming one of our very best and most popular garden varieties. The plants branch freely producing a well spread, yet compact bush of good symmetry. Following the large urn shaped buds are the well formed flowers of an intense deep, vivid crimson shaded ox-blood red and mellowed by a soft velvety nap. $1.25 each; per doz., $12.50.

Dame Edith Helen. Shapely buds and substantial high centered blooms of clear pink, sweetly scented. A strong grower and very free flowering. 85c. each.

Duchess of Athol. The coloring of this new variety is uncommon and delightful, golden-orange flushed with peach-pink. A vigorous grower and free bloomer. 85c. each.

Duchess of Wellington. Intense saffron yellow changing to coppery yellow. Flowers large, moderately full, of the Killarney type, beautiful buds and delightfully fragrant. A superb yellow rose and a splendid grower. 85c. each.

Edel. A British introduction of exhibition quality, producing large beautifully formed flowers of ivory-white passing to pure white. A strong grower of uniform habit, very free-flowering, opening in all weathers and delightfully fragrant. 85c. each.

Edith Nellie Perkins. A Rose of outstanding merit, vigorous in growth and free flowering. Long, pointed bud; flower of good size, long lasting and fragrant, double; outside of petals orient-red shaded cerise-orange, inside salmon-pink. 85c. each.

Editor McFarland. One of the most reliable garden Roses. The perfectly formed flowers are clear, brilliant, unfading pink and as a cut-flower it retains its form and lasts longer than any other Rose we know. The growth is vigorous, the foliage healthy and in flower from early Summer until frost. 85c. each.

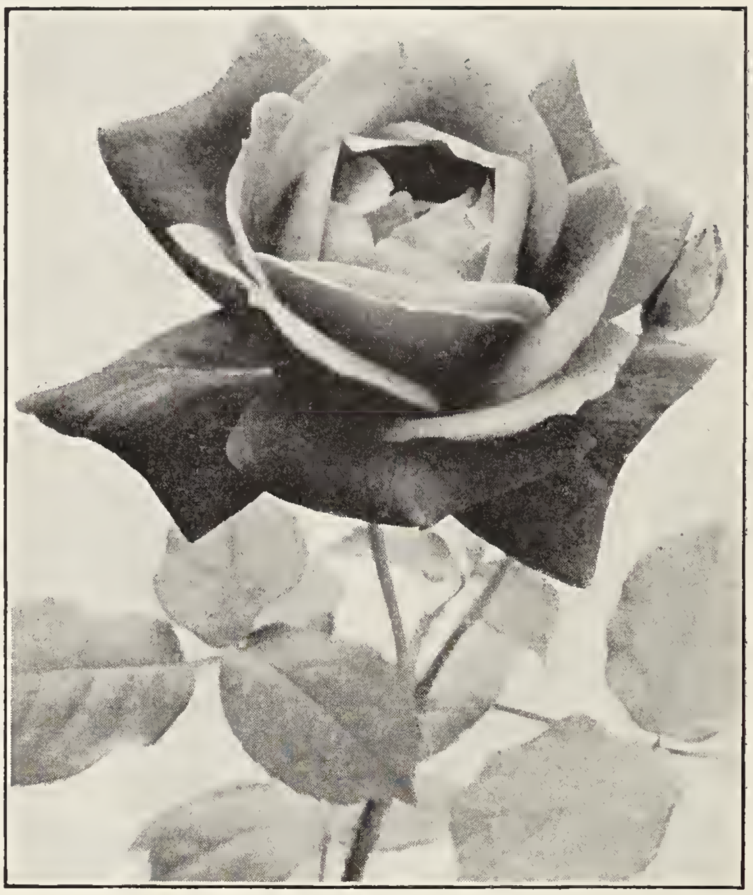
E. G. Hill. A new red variety, which has gained great popularity as a Winter cut-flower, but is equally good for the garden. The color is a bright scarlet shading to a deeper red as they develop; high centered, full double flowers; a vigorous grower and free flowering. 85c. each.

Eldorado. A beautiful clear yellow; very free flowering and fragrant. 85c. each.

Etoile de Hollande. Brilliant red flowers of large size, perfect in half open state, showing clean, attractive centers when fully open; petals enormous; very fragrant. A strong, vigorous and healthy grower; very free flowering. 85c. each.

Feu Joseph Looymans. Remarkable for its long, pointed buds of brilliant Indian-yellow and large, double, cupped, very fragrant flowers. Vigorous and continuous bloomer. 85c. each.

Gen. MacArthur. A well known Rose, being one of the earliest and most perpetual flowering sorts. The blooms are large, full and most delightfully fragrant. In color it is a rich crimson-scarlet; growth is vigorous. 85c. each.



Hybrid Tea Rose, Crimson Glory

GLOWING SUNSET

U. S. Plant Patent No. 104

A glorious new Hybrid Tea Rose of a most exceptional color combination. The long pointed buds open to full double flowers of a most artistic form with the inner petals lengthened and twisted in the bizarre manner of a choice Cactus Dahlia; the color is an indescribable combination of orange-yellow and rose-pink, presenting a unique and extremely pleasing color effect; when cut the flowers keep in perfect condition for several days. They have an alluring fragrance that will endear them to everyone. In addition to the valuable characteristics mentioned it is a free and continuous bloomer. $1.50 each; per doz., $15.00.

Golden Dawn. The ideal yellow garden Rose. The ovoid lemon-yellow bud is heavily splashed with crimson before opening and develops into a well formed, sweetly scented, large, double sunflower yellow flower. 85c. each.

Golden Emblem. Beautifully formed, long, golden-yellow buds, which sometimes have flames of light crimson on the outer petals; held erect on long stems well above the glossy green foliage. Delightfully fragrant. 85c. each.

Golden Ophelia. Golden yellow in center shading to pale yellow on the outer petals. This is a seedling of the well-known variety Ophelia, possessing its many good qualities. 85c. each.

Grenoble. The plant is very vigorous and the flowers are produced on very long stems, making it one of the best garden Roses for cutting. The buds are crimson but the open flower is brilliant red, fully double and of large size. 85c. each.

Gruss an Teplitz. This is a rose for everybody, being the most profuse blooming crimson rose in existence. The color is of the richest scarlet, shading to crimson. 85c. each.

Hadley. One of the very best garden roses; deep rich velvety crimson in color and one of the most fragrant roses in our collection. Free bloomer with long stiff stems. 85c. each.

Hoosier Beauty. Glowing crimson-scarlet with darker shadings; buds of good length and splendid shape, opening into a magnificent and delightfully fragrant bloom. 85c. each.

Imperial Potentate. Large ovoid bud; shapely flower, large, high centered, long lasting, sweet scented, deep lively rose-pink; vigorous grower and free flowering. 85c. each.

All varieties listed on this page at 85c. each will be supplied at $9.00 per dozen; 6 or more plants will be supplied at the dozen rate

GENERAL LIST OF MICHELL'S SELECT HYBRID TEA ROSES

A SENSATIONAL NEW BEDDING ROSE

Improved Lafayette. This is the most profuse flowering Rose we know. It is of strong habit, producing continuously from early Spring until frost, a great mass of medium sized flowers. The color is a deep glowing red, freely suffused with vivid crimson. The strong, upright bushes covered with masses of flowers make it ideal for massing and garden effect. 85c. each.

Joanna Hill. A new yellow rose with large, long pointed buds, which open to large full, semi-double flowers of a clear yellow, with orange-yellow center. 85c. each.

Jules Gaujard. Beautiful, large, very lasting, cupped, intensely fragrant, glistening cochineal crimson flower, which, as it fully develops, passes to a pretty shade of orange-rose. A strong growing, free flowering, greatly admired garden rose. 85c. each.

Julien Potin (*Golden Pernet*). Long pointed buds opening into large full flowers of a pleasing golden-yellow. A strong upright grower and profuse bloomer. 85c. each.

Kaiserin Augusta Victoria. An old variety but still one of the best and it should be in every collection. In color it is a soft pearly white tinted with lemon. 85c. each.

Killarney Double White. This is a beautiful sport of Killarney, with lovely pure white flowers of moderate fragrance. The long pointed buds are most attractive. A strong grower and free bloomer. 85c. each.

Lady Alice Stanley. A rose that is admired by every one, not only for its freedom of bloom and fragrance, but also for its color, which is a beautiful shade of coral-rose on the outside of the petals with purple flesh on the inside. 85c. each.

Lady Forteviot. Large, lasting, extremely fragrant, golden yellow flower, flushed with cardinal-red, borne several together on long stems; free and continuous bloomer. 85c. each.

Lady Hillingdon. One of the best Tea Roses of its color, deep apricot yellow throughout. It varies from medium to large size and is very beautiful both in bud and in flower. The plant is hardy, a strong grower and very floriferous. 85c. each.

Lady Margaret Stewart. A lovely new Rose which has won praise from all who have grown it. The bud is long, opening to a full double flower of pleasing fragrance, golden-yellow, shaded and veined with orange and red. Handsome, healthy foliage. 85c. each.

LITTLE BEAUTY

Patent Pending

The herald of an entirely new race of everblooming Roses. Splendid for garden display because it combines mass color effect with quantity of blooms borne throughout the season; the color of the formally arranged blooms is a brilliant cerise of wonderful purity. As the flowers pass their prime they assume a pleasing soft deep pink of a warmth that is distinctly attractive. An enchanting variety. $1.00 each; per doz., $10.00.

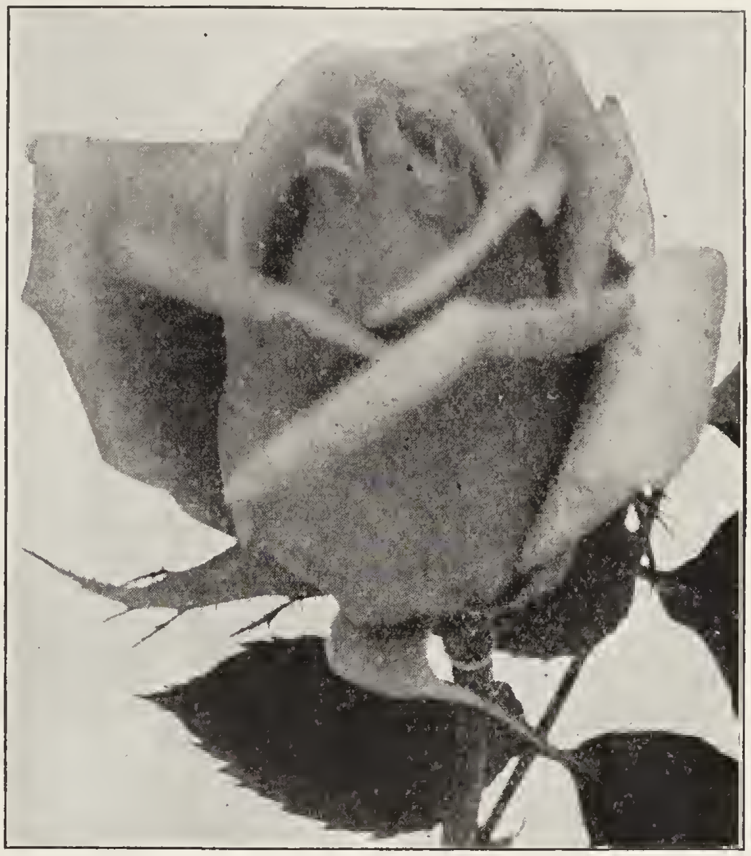
Lord Charlemont. Intense crimson-scarlet, deepening to carmine-crimson, with almost black shadings. Perfectly shaped, long pointed buds and large, full double, sweetly scented flowers. 85c. each.

Los Angeles. One of the finest Roses ever introduced. In color a luminous flame pink toned with coral and shaded with translucent gold at the base of the petals. The buds are long, pointed and extend into a flower of mammoth proportions. The growth is vigorous to a degree. 85c. each.

Lucie Marie. Very long pointed buds, deep yellow, splashed rosy-red; as the outer petals unfold the inner face is yellow with coppery venation, with the petals lightly tipped with pink, slightly fragrant. A strong vigorous grower with dark leathery foliage. 85c. each.

Mme. Butterfly. While this is a sport of Ophelia, it shows an even better growth, with more and larger flowers, in a brilliant pink, suffused apricot and gold. These flowers are in the ideal Rose form, of good texture and fragrance, and are unusually enduring. Vigorous and free flowering. 85c. each.

Mme. Edouard Herriot. This is the celebrated "Daily Mail" rose which has been so extensively advertised. In color it is coral red, shaded yellow and bright rosy scarlet, with yellow at the base; a wonderful combination of most pleasing colors. 85c. each.



Hybrid Tea Rose, Margaret McGredy

Mme. Jules Bouche. Beautiful white flowers, sometimes shading to light blush in the center. One of the best white bedding Roses to date. 85c. each.

Mme. Nicolas Aussel. In color a bright coppery-red, in the very long, shapely, tapering bud that develops into a large, fragrant, full double flower of an exquisite opalescent salmon-pink. Growth vigorous and healthy, free and continuous bloomer. Awarded a Gold Medal as the most beautiful Rose in France during a contest in 1931. 85c. each.

Margaret McGredy. Bud very large and long pointed; flower large, shapely, long lasting, very double, fragrant and brilliantly colored. A rich shade of Oriental-red passing as it ages to carmine-rose; vigorous and free flowering. 85c. each.

MARY HART

Plant Patent No. 8

A striking red sport of Talisman. The bud of maroon-red opens to a well formed flower of deep velvety blood-red, with an amber sheen. Unlike most red Roses, Mary Hart does not wilt or dry out when cut but opens perfectly. $1.00 each; per doz., $10.00.

MATADOR

Patent Applied For

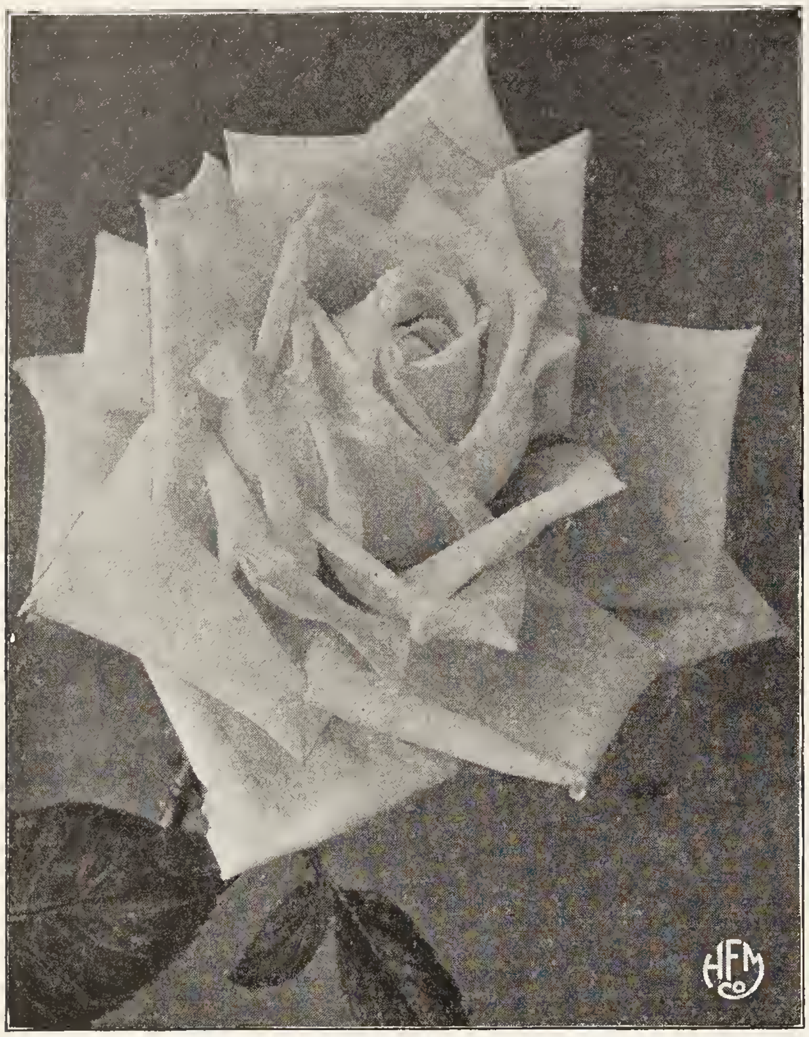
Large full Rose, well formed; glowing scarlet-crimson with darker silky sheen on the reverse, very fragrant. A strong, vigorous grower with good healthy foliage. Wherever this Rose has been shown it has been very much admired. $1.50 each; per doz., $15.00.

McGredy's Scarlet. One of the newer red Roses of marked superiority on account of its strong vigorous growth, free and continuous habit of flowering and its brilliant color. The fragrant, full double flowers are of good size and brilliant scarlet in color. A beautiful Rose. 85c. each.

All varieties listed on this page at 85c. each will be supplied at $9.00 per doz.; 6 or more plants will be supplied at the dozen rate

(wn)

GENERAL LIST OF MICHELL'S SELECT HYBRID TEA ROSES



Hybrid Tea Rose, Roslyn

Mevrouw G. A. Van Rossem. A beautiful rose with unique color combination, a blending of dark orange and apricot on a yellow ground with touches of bronze on the reverse of the petals. The flowers are sweet scented, large and of perfect form. 85c. each.

Mrs. Aaron Ward. A very free blooming variety of vigorous but compact growth. The flowers are full double and are equally attractive when in full bloom as in the bud state. The color is a distinct Indian yellow which under certain conditions becomes yellow tinted white. 85c. each.

Mrs. A. R. Barraclough. One of the finest recent introductions; very large pointed buds of a pleasing carmine-pink shaded with clear light yellow at the base of the petals, opening into a full double flower; very fragrant. 85c. each.

Mrs. John Bell. A vivid brilliant shade of cochineal-carmine with large, long pointed bud and full double, cupped, moderately fragrant flower. Vigorous, free flowering habit. 85c. each.

Mrs. Pierre S. duPont. Medium sized, long pointed buds of a reddish-gold, opening to semi-double, cupped, very lasting fragrant flowers of a deep golden-yellow. A strong, vigorous and compact grower, a profuse and continuous bloomer. 85c. each.

Mrs. Sam. McGredy. The color of this beautiful variety is quite distinct from anything yet seen in Roses, a wonderful dual combination of vivid shades. A beautiful scarlet coppery-orange is heavily flushed with Lincoln-red on the outside of the petals and these colors together give a rich and dazzling effect. The flowers are of large size and beautiful form and they possess the proper fullness to make them useful for all purposes. They are freely produced and delicately perfumed. The plant has a vigorous and exceptionally free habit; one of the best all-purpose Roses. 85c. each.

Olympiad. One of the most brilliant. Dark lustrous Oriental scarlet, accentuated by a bright golden base. Awarded Gold Medals at the great Atlantic City Pageant, September, 1931, at the International Show in New York and Sweepstakes prize at Philadelphia Show in March, 1932. 85c. each.

Pink Dawn. A very pretty Rose of exceptional merit. Perfectly full double flowers of a deep rose opening to a lovely pink with an orange base; the showy blooms have a sweet fragrance. Sturdy upright habit; fine for garden display and for cutting. 85c. each.

President Hoover. A wonderful new rose with a splendid color combination, cerise-pink, flame, scarlet and yellow. Long pointed buds, moderately fragrant, free flowering and a good grower. 85c. each.

Radiance. A Rose of American origin and to our mind one of the very best varieties in cultivation today. It is an ideal bedder, producing large flowers throughout the Summer when many other varieties are out of bloom; in color a beautiful even shade of pink. This Rose should be in every garden. 85c. each.

Red Radiance. A counterpart of Radiance from which it is a "sport," possessing all of the good points of that valuable variety, but differing in color, which is bright cerise-red. 85c. each.

Rev. F. Page Roberts. Long-pointed, coppery-red buds opening into golden-yellow flowers, stained with red on the outside; fully double, very large and fragrant. A strong branching plant with good healthy foliage. 85c. each.

Rose Marie. One of the best bedding roses. It produces beautiful long buds which open into large flowers of perfect form and of a pleasing clear rose-pink in color. 85c. each.

Roslyn. Full golden-yellow flowers, deeper in the center with orange splashings on the reverse of the petals. Can be cut with long stems; fragrant. 85c. each.

Schwabenland. There are many pink Roses but none just like this new variety, either in color or in the splendid formation of its blooms. The flowers are large, over five inches in diameter, with a high spiral center, the petals having a peculiar twist or curl. In color it is a luminous, rich rose-pink, retaining its brightness until the petals drop; the flowers are carried singly on long stiff stems. A strong, healthy, hardy, vigorous grower and free flowering. 85c. each.

Sensation. Splendid large crimson-scarlet, perfect in its long pointed bud as well as in the fully developed, sweetly scented, double flower. A strong vigorous grower. 85c. each.

SOUVENIR

Plant Patent No. 25

The Golden Talisman, one of the loveliest of Roses. The flowers are deep, rich golden yellow and fragrant, produced freely and excellent for cutting. A superb garden variety with all of the desirable qualities of the popular Talisman. $1.00 each; per doz., $10.00.

Souvenir de Claudius Pernet. A most vigorous grower of erect branching habit; beautiful, brilliant green foliage; long pointed buds of exquisite shape, carried on long, stiff stems. Very large full flowers with elongated deep petals, a beautifully formed bloom. Color, a most striking sunflower-yellow, deeper in the center without any color blending and which is retained without fading even in the warmest weather. 85c. each.

Sunburst. A vigorous grower with erect or slightly spreading habit and dark bronzy foliage. The flowers are of medium size, full and of fine elongated cup form; color a superb cadmium-yellow passing to yellow-orange in the center. 85c. each.

HOW TO GROW ROSES
(By Pyle-McFarland-Stevens)
211 Pages. Price, $2.00

All varieties listed on this page at 85c. each will be supplied at $9.00 per doz.; 6 or more plants will be supplied at the dozen rate

(wn)

GENERAL LIST OF MICHELL'S SELECT HYBRID TEA ROSES

Talisman. This Rose has proved a splendid garden variety, its combination of apricot, gold and deep rose-pink gives a glittering mass of color over a long period of time. The buds are long, pointed and bright yellow. 85c. each.

TOKEN

Plant Patent No. 95

Large Ophelia shaped buds opening to double flowers of a single toned sun ripened apricot, a unique color. The flowers are very lasting and are pleasing at all stages. Very free flowering; upright in growth with glossy disease resistant foliage. $1.50 each; per doz., $15.00.

Vaterland. A most outstanding dark colored variety. The flowers are a rich deep velvety scarlet maroon, splendidly formed, high-centered and with remarkable keeping qualities. The plant is of vigorous, strong erect habit with healthy foliage; free and perpetual flowering. 85c. each.

Ville de Paris. Pure yellow without a trace of any other color, standing up under all weather conditions; round buds and large globular flowers, somewhat similar to Radiance, fairly double and splendid for cutting. Plant is tall, upright and a free bloomer. 85c. each.

VIVID MASON

U. S. Plant Patent No. 52

The flowers are of a rich, brilliant oriental-red with orange shadings and are carried erect on long wiry stems high above the foliage, sweetly scented. The plant has a vigorous and exceptionally free habit of growth, the disease resistant, leathery foliage is a rich dark green. $1.50 each; per doz., $15.00.

WHITE BRIARCLIFF

Plant Patent No. 108

The supreme white Rose, of perfect form and glistening pure white. The plant is of a branching habit, vigorous in growth; a free and continuous bloomer. The best white Rose to date for all purposes. $1.50 each; per doz., $15.00. See color plate opposite page 100.

Wilhelm Kordes. Unique and entirely distinct in color; a rich capucine-red with coppery suffusion overlying a golden-salmon ground, long pointed buds, opening to high centered very fragrant flowers. 85c. each.

HARDY HYBRID PERPETUAL ROSES

Before the development of the Hybrid Teas, this was the most popular type for garden planting and even now they should not be overlooked, but should be used extensively in conjunction with the other sorts. They are perfectly hardy and of vigorous growth, blooming tremendously in June and sometimes sparingly in Autumn. Hybrid Perpetuals are taller in growth and need more space than the Hybrid Teas; in pruning cut away all weak growth, and if quality of bloom is desired, cut back the strong canes to within 8 or 9 inches of the ground, but if quantity of bloom for garden effect is desired, leave these canes from 2 to 3 feet high, according to their strength.

American Beauty. Very large flowers, deep pink to carmine-cerise, delicately veined with darker red. A strong grower and deliciously fragrant. 85c. each.

Frau Karl Druschki. This is the queen of all white roses both in size and purity. The flower is very double and opens to a pure snow white. The growth is vigorous and the plant is a most prolific bloomer during the month of June. Scattering flowers often appear in the Fall. 85c. each.

Gen. Jacqueminot. The old favorite "Jack" rose is still popular. The blooms are large, full and globular, having an excellent cup-shaped form; in color they are brilliant scarlet crimson, with deep veining toward the base of the petals. 85c. each.

Mme. Albert Barbier. This remarkable variety in its habit of flowering is as free as many of the popular Hybrid Tea Roses. Growth strong and vigorous, the buds are long and well formed, of a pearly-white suffused with soft, salmony-flesh and develop into large, full double imbricated flowers of splendid form, which as they expand show a golden-apricot suffused center. A gem in every respect. 85c. each.

Magna Charta. An old variety of great merit. The blooms are of large size, in color a bright pink suffused with carmine. It is very fragrant and free flowering. 85c. each.

Mrs. John Laing. Beautifully formed shell-pink flowers; exceedingly fragrant and borne on strong stems; splendid for cutting. A good grower and one of the most popular roses. 85c. each.

Paul Neyron. Probably the largest rose in cultivation; in color a clear pink shading to soft rose and having a delightful fragrance. A strong vigorous grower. 85c. each.

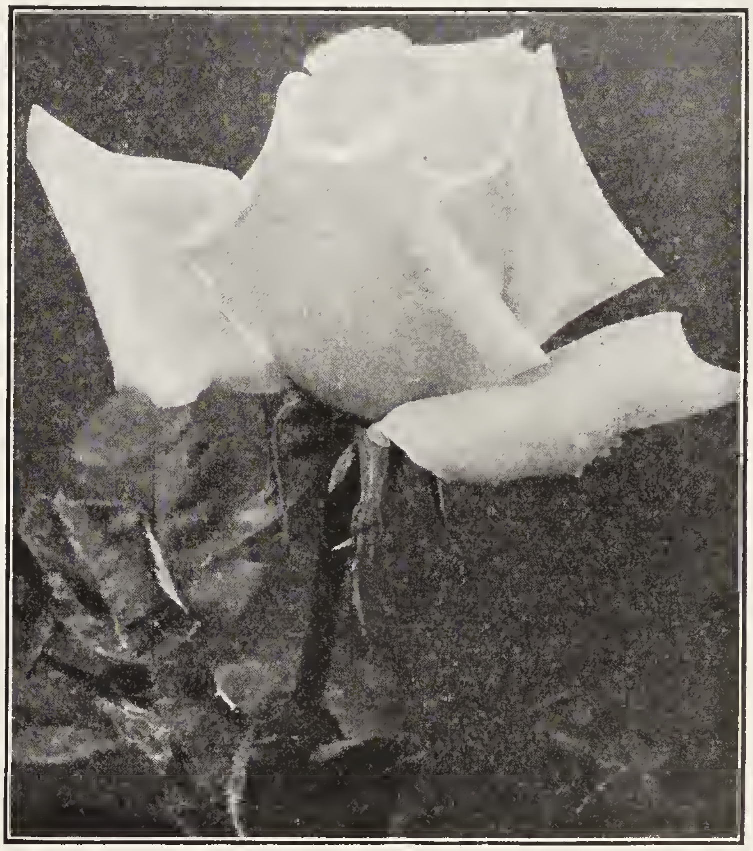
SYMPHONY

(Pink Frau Karl Druschki)

Plant Patent No. 79

An everblooming Hybrid Perpetual, bearing handsome, massive, perfect flowers, often six inches in diameter, on stout sturdy stems. The buds are blush pink opening to pale rose, deep pink in the center of the flower, shading white to the edges. The open flowers are full and symmetrical in shape. A truly magnificent Rose. $1.50 each; per doz., $15.00.

Ulrich Brunner. Bright cherry red flowers of large size and good form, produced freely on long stems. An old favorite and very desirable. 85c. each.



Hybrid Perpetual Rose, Symphony

ROSA HUGONIS (Golden Rose of China)

This Chinese native is a notable contribution to American gardens. Every branch of the previous year's growth is, in late April or early May, closely set on both sides to the very tip with exquisitely beautiful, single, clear yellow flowers. The long, arching sprays make Hugonis not only a beautiful shrub, to be planted, if one so prefers, with other shrubs, but when cut are charming as table decoration. 85c. each; per doz., $9.00.

All varieties listed on this page at 85c. each will be supplied at $9.00 per doz.;
6 or more plants will be supplied at the dozen rate

Climbing Rose, Easlea's Golden Rambler

CLIMBING HYBRID TEA ROSES

These are not quite as free flowering as the bush type of Hybrid Tea Roses, but they produce a large crop of beautiful flowers in June with a quite liberal scattering of flowers throughout the season. In pruning these cut out all small thin wood and cut the strong shoots back to prominent eyes.

Climbing Dame Edith Helen. A climbing form of this popular pink variety.

Climbing Golden Emblem. A climbing form of this lovely yellow variety.

Climbing Gruss an Teplitz. An exact counterpart of this most popular bush rose, excepting that it is of a vigorous climbing habit.

Climbing Hoosier Beauty. A climbing form of this beautiful Rose. Brilliant crimson scarlet flowers of exquisite form.

Climbing K. A. Victoria. A climbing form of this popular white Rose.

Climbing Lady Ashtown. The best of all climbing H. T. varieties; a wonderful grower, producing throughout the entire season, numerous soft rose-colored flowers; fine for cutting.

Climbing Lady Hillingdon. Like the parent the flowers are of a deep clear apricot throughout. One of the best Autumn bloomers.

Climbing Los Angeles. A sport from this most popular variety, producing freely beautiful flowers of a luminous flame-pink toned with coral, shading to yellow at the base of the petals.

Climbing Mme. Edouard Herriot. A climbing form of the popular coral-pink Daily Mail Rose.

Climbing Mrs. Aaron Ward. A climbing form of this popular Indian-yellow variety.

Climbing President Hoover. A good climbing Rose with the wonderful color combination of the parent.

Climbing Radiance. A climbing form of this most popular pink Rose.

Climbing Red Radiance. Bright cerise-red flowers together with good growing qualities make this an excellent climbing Rose.

Climbing Rose Marie. Beautiful long buds opening into large clear rose-pink flowers of perfect form.

Climbing Souvenir de Claudius Pernet. A climbing form of this most popular yellow Rose, having long buds of exquisite shape.

Climbing Sunburst. A true Sunburst of climbing habit.

Any of the above Climbing Hybrid Tea Roses, $1.25 each; per doz., $12.00.

SIX NEW HARDY CLIMBING ROSES

BLAZE

U. S. Plant Patent No. 10

The New Hardy Everblooming Scarlet Climbing Rose

A marvelous new hardy climbing Rose which inherits the blazing color of Paul's Scarlet Climber and the everblooming habit of Gruss an Teplitz, thus combining the most attractive features of both of its parents. It is a very vigorous climbing variety which will grow to considerable height and produce flowers on both the old and new growth. A rose that is sure to become very popular.

Strong two-year-old plants, $1.25 each; per doz., $12.50.

EASLEA'S GOLDEN RAMBLER

Plant Patent No. 114

A new outstanding climbing Rose from England, producing its comparatively large, double, rich golden flowers in large trusses. An additional quality is a delicious fragrance. Gold Medal Royal Horticultural Society, July, 1932. Awarded the Cory cup as the best new seedling climber or rambler Rose of British origin introduced in 1932. $1.50 each; per doz., $15.00.

GOLDEN CLIMBER

U. S. Plant Patent No. 28

(Mrs. Arthur Curtiss James)

The first true golden yellow climber of quality bloom, able to withstand sub-zero temperature without injury.

The most interesting and unusual feature is that the resistance to sub-zero temperature is combined with blooms of Hybrid Tea type and quality, most always solitary on long stems often 18 inches in length.

The color in the bud is true golden yellow with heavy markings of orange-scarlet showing between the petals; the full open flower is solid golden-yellow, semi-double with a heavy cushion of yellow stamens, the petals are unevenly ruffled, beautifully crinkled and informally curled; delightfully delicate fragrance.

Strong two-year-old plants, $1.50 each; per doz., $15.00.

PRINCESS VAN ORANGE

Plant Patent No. 106

Sensational climbing sport of Gloria Mundi; a strong grower with rich green foliage. The branches are literally covered with masses of blazing Gloria Mundi red flowers, in polyantha-like trusses. The most talked of European climbing novelty in many years. $1.25 each; per doz., $12.50.

THE NEW DAWN

U. S. Plant Patent No. 1

(The Everblooming Dr. W. Van Fleet)

This new Rose is a sport from Dr. Van Fleet which is universally acknowledged to be one of the best and most popular American Climbing Roses. This new variety is identical in every way with its parent in size and formation of its long pointed flesh pink buds and double flowers, but blooms continuously throughout the Summer and Autumn months.

Strong two-year-old plants, $1.50 each; per doz., $15.00.

DOUBLOONS

Patent Applied For

This is the first of an entirely new strain of hardy climbing Roses which will stand the most severe Winter. This variety is a vigorous climber with heavy wood and handsome glossy foliage; when in bloom the whole plant is literally covered with clusters of large golden flowers. Buds ovoid, deep saffron-yellow opening into large, double, cupped golden fragrant flowers. Gives two liberal crops six weeks apart if the first Spring blooms have not been cut. $1.50 each; per doz., $15.00.

Tri-O-Gen, The one remedy that will take care of all of the usual Rose troubles. Applied once a week from early Spring until severe frost it will give remarkable protection against Mildew and Black Spot besides all kinds of insect pests. See page 177

HARDY CLIMBING AND RAMBLER ROSES

As an ornamental plant for covering verandas, porches, side walls, pillars, fences, etc., these are unequalled, calling forth more admiration than anything else that can be used. They require no pruning in the Spring beyond the cutting out of very old or dead wood and shortening of the laterals and long canes to make the growth conform to the space to be covered, but a severe pruning in July directly after they have finished flowering is beneficial. Cutting away at that time all old flowering wood will encourage a vigorous growth which will give an abundance of flowers the following season.

Albertine. A most pleasing shade of cameo-pink with salmon suffusion; moderately double, sweetly scented flowers, produced early in the season; healthy, glossy foliage. 75c. each.

Alida Lovett. An extra strong sort, producing bright, shell-pink flowers, tinted yellow at the base and of Hybrid Tea shape and size. 75c. each.

American Pillar. The large single flowers are a lovely shade of cherry pink, with a clear white eye surrounding numerous golden yellow stamens. 75c. each.

Bess Lovett. Resembles Climbing American Beauty in shape of flowers but much brighter in color, being a clear bright red, double, full cupped form and of notable lasting quality. 75c. each.

Chaplin's Pink Climber. A striking novelty, similar in size and form to Paul's Scarlet Climber but in color a rich, lively pink. We believe this to be one of the best climbing Roses to date. 75c. each.

Christine Wright. A beautiful rose of strong climbing habit, producing double flowers 3 to 4 inches in diameter, singly and in clusters, of a wild rose pink. 75c. each.

Climbing American Beauty. The name of this rose is rather misleading, yet on its own merits it is a splendid climber. It has but one blooming season, June, when it bears abundantly, bright self-colored, medium pink flowers of moderate size. 75c. each.

Dr. W. Van Fleet. One of the most important climbing roses, having perfectly formed buds, long pointed, flesh pink in color and very solid. The full bloom flowers are very large, borne on long stems, fragrant and fine for cutting. 75c. each.

Dorothy Perkins. Beautiful shell pink, fragrant and full, blooming in clusters in June. The most popular of all climbing roses during the past few years. This is a very good rose for covering stone walls, fences, embankments and arbors. 75c. each.

Emily Gray. A real yellow climbing rose, producing long pointed buds opening to large orange-yellow flowers with stems long enough for cutting. These stems are crimson-red in color, contrasting beautifully with the dark green, glossy, holly-like foliage. 75c. each.

Jacotte. A wonderful new yellow climbing rose with bright glossy green foliage and sweet-scented orange-yellow flowers. 75c. each.

Mme. Gregoire Staechelin. The new climbing Rose from Spain; gorgeously colored and exquisitely perfumed; its color is iridescent, pearl-pink with claret-carmine markings on the outer petals. Perfectly hardy, and has large, disease-resistant foliage. $1.00 each; $11.00 per dozen.

Mary Lovett. One of the best white climbing Roses, producing fragrant white flowers on long, strong stems. Very free flowering. 75c. each.

Mary Wallace. Long pointed buds and very large, cupped semi-double flowers, clear rose-pink in color. A strong grower and very free flowering. 75c. each.

An Arch of Climbing Roses

Paul's Scarlet Climber. No other rose in any class can compare with it for brilliancy of color, which is a vivid scarlet that is maintained without burning or bleaching until the petals fall. 75c. each.

Phyllis Bide. A dainty, exquisitely formed small bud and flower with reflexed petals; color pale yellow, tinted with tones of pink and deep rosy tips. Its graceful sprays of interesting pretty flowers appear intermittently throughout the season. Particularly nice as a pillar Rose and admired by everyone. 75c. each.

Primrose. A real hardy yellow rambler, in color a light primrose-yellow, holding this color until the petals drop. The flowers are about 2½ inches in diameter and are borne in trusses of from two to five on long stems. 75c. each.

Scorcher. Handsome vermilion flowers covering the plant in great profusion. Everblooming. $1.00 each.

Silver Moon. An indispensable hardy climber, having long, well-shaped buds, creamy yellow on first appearance, opening into immense Clematis-like flowers of a waxy whiteness. The center is a mass of bright yellow stamens, making a wonderful contrast. 75c. each.

Tausendschoen. The individual flowers are of a most elegant and graceful form. In color it is a most delicate shade of soft pink when first opening, changing to carmine on the reverse of the petals when fully expanded. The flowers are produced in trusses, each truss almost a bouquet in itself. 75c. each.

The Beacon. A distinct and effective bright fiery red with white eye, single and semi-double flowers, produced in large clusters; handsome foliage. 75c. each.

White Dorothy. A handsome pure white sport from the old favorite Dorothy Perkins, and it has all of the finer qualities found in that charming variety. 75c. each.

ROSA ROULETTI (Rock Garden Rose)

A unique little Rose discovered in Switzerland; very dwarf and blooming from May until November; tiny, double, rose-pink flowers less than one-half inch in diameter. $1.00 each; per doz., $10.00.

ROSE INSURANCE

Can be best supplied if you use the celebrated formula of Edwin M. Rosenbluth Tri-O-Gen, see page 177.

All varieties listed on this page at 75c. each will be supplied at $8.00 per doz.; 6 or more plants will be supplied at the dozen rate (wn)

MICHELL'S HARDY PERENNIAL PLANTS

All of the old-fashioned flowers which were the delight of our grandmothers are to be found in this class of plants. They are all perfectly hardy and die down in the Fall, appearing again in the Spring with renewed vigor.

There is an ever-increasing demand for hardy perennial plants, as they are of easy culture and there is not a time during the whole season when some are not in bloom. Each variety has a fixed time for flowering so that by making a judicious selection a succession of blooms may be had from early Spring until the late Autumn. There is no set rule for the planting of perennials. The amount of room at one's disposal, the location and also the individual taste of the planter must be taken into consideration. Probably the most satisfactory results are obtained from a hardy border backed by a hedge or a fence, planting some of the taller growing sorts such as Hollyhocks, Hardy Asters, Bocconias, Helianthus and Boltonias in the back, graduating the shorter growing sorts toward the front and finishing the border with an edging of Plumbago Larpentae, Phlox Subulata, Arabis and other of the dwarf growers.

Our booklet, "The Hardy Flower Garden," is an instructive publication and will be sent free on request.

Anemone—Japonica

ACHILLEA (Milfoil or Yarrow)

Filipendulina (*Fern-leaved Yarrow*). Finely cut foliage and brilliant yellow heads of flowers, lasting in full beauty all Summer; 4 to 5 feet.

Millefolium Cerise Queen (*Rosy Milfoil*). Finely cut, deep green foliage; flowers cherry red in dense heads; 18 inches high.

Ptarmica Boule de Neige (*Ball of Snow*). An improvement on The Pearl; the flowers, while not quite so large, are of more perfect form, with fuller centers, which makes it appear purer in color.

— **The Pearl.** A mass of double pure white flowers throughout the entire Summer. The strong, erect stems make it one of the best Summer flowers for cutting.

***Tomentosa** (*Wooley Yarrow*). Handsome cut foliage with bright yellow flowers. June; 12 inches.

25c. each; $2.50 per doz.; per 100, $15.00.

ACONITUM (Monkshood or Helmet Flower)

Fischeri. A dwarf variety growing 18 inches high, with large, pale blue flowers in September and October.

Spark's Variety. The darkest blue of all; flowers in June; 3 feet.

Wilsoni. Tall growing; very late Fall; violet-blue flowers.

Price, 30c. each; $3.00 per doz.; per 100, $20.00.

AETHIONEMA (Lebanon Candytuft)

Persicum. Beautiful shrubby alpines of spreading habit. Rose-colored flowers from May until August; suitable for the border or rockery. 30c. each; $3.00 per doz.; per 100, $20.00.

AGROSTEMMA (Rose Campion)

Stout, erect-growing plants, with silvery foliage, which contrasts well with the showy flowers produced during June and July.

Coronaria (*Mullein Pink*). Bright rosy crimson; 2½ to 3 feet.

— **Alba.** A pure white variety.

Price, 25c. each; $2.50 per doz.; per 100, $15.00.

*ALYSSUM

Argenteum. A dwarf growing plant, with silvery-green foliage and clusters of canary-yellow flowers throughout the Summer.

Rostratum. Bright golden-yellow flowers in June and July; 12 inches.

Saxatile Compactum. An excellent, low spreading plant for rockery or border, growing about 10 inches high and producing in May masses of golden-yellow flowers.

25c. each; $2.50 per doz.; per 100, $15.00.

Saxatile Compactum Fl. Pl. A double flowering form of the well known Basket of Gold. 35c. each; per doz., $3.50.

ANEMONE (Windflower)

As a last greeting of Autumn these gay flowers appear in wondrous brilliancy and produce a wealth of bloom until cut down by hard frost.

Plants vary from 2 to 3 feet high, and are ideal for cutting; the flowers appear in August and remain till frost. They require Winter protection with leaves, straw or long manure, which amply repays one for the extra trouble taken.

***Hupehensis.** A native of central China, resembling Anemone Japonica in a miniature way. The plant grows from 10 to 12 inches in height and is wonderfully free flowering from early August until late Autumn. A pleasing mauve rose in color.

Japonica, Queen Charlotte. Very large semi-double flowers of La France pink, a color that is rare among hardy plants.

— **Whirlwind.** Large, semi-double pure white flowers, very free.

— **Rubra.** A lovely rosy-red with bright yellow stamens.

***Pulsatilla** (*Pasque Flower*). An interesting plant for the rockery or border, producing violet or purple flowers during April and May; 9 to 12 inches.

Sylvestris (*Snowdrop Windflower*). Large, nodding, sweet scented flowers of a lavender, tinted white, borne singly or two together on 6 to 8 inch stems. Pretty drooping buds and finely cut foliage. Prefers semi-shade; April to May.

Price of Anemones, 30c. each; $3.00 per doz.; $20.00 per 100.

MICHELL'S COLLECTIONS OF HARDY PERENNIAL PLANTS

No. 1—12 plants, good assortment	$2.50
No. 2—25 plants, good assortment	5.00
No. 3— 50 plants, good assortment	$10.00
No. 4—100 plants, good assortment	20.00

Plants marked * are suitable for the rock garden

ANCHUSA (Sea Bugloss)

Italica "Dropmore Variety." Plants grow 4 feet high in pyramidal shape, branch freely and are loaded with bright blue, Forget-me-not-like flowers in June; very showy and valuable. 25c. each; $2.50 per doz.; per 100, $15.00.

Myosotidiflora. A distinct dwarf variety from the Caucasian Mountains, with clusters of pretty blue Forget-me-not-like flowers in May; 1 foot. 30c. each; $3.00 per doz.; $20.00 per 100.

ANTHEMIS (Marguerite)

Perry's Variety (*Improved Golden Marguerite*). A wonderful improvement over the well known Anthemis Tinctoria, large, well shaped flowers nearly 3 inches across, from June to October. The well proportioned plants with delicate fern-like foliage are most attractive and become covered with bright golden-yellow flowers which are valuable for cutting; 15-18 inches. 25c. each; $2.50 per doz.; per 100, $15.00.

AQUILEGIA (Columbine)

For Spring blooming these are invaluable, producing their graceful spurred flowers on stems rising 2 feet over their attractive foliage, during May and June.

Michell's Long Spurred Hybrids. The plants are of strong, thrifty growth and the flowers of largest size and can be supplied in separate shades, blue, pink and red and orange.

***Alpina.** A very effective rich blue variety; splendid for rock gardens; 2 feet.

Canadensis (*Common American Columbine*). The native bright red and yellow variety, and one of the brightest.

Chrysantha (*Golden Columbine*). Bright yellow, long-spurred flowers.

Coerulea (*Rocky Mountain Columbine*). Bright blue and white long-spurred flowers.

Mrs. Scott Elliott Hybrids. The most famous of these beautiful flowers; wonderful colors and very long spurs.

***Nivea Grandiflora.** A fine white; strong growing and very free flowering.

Rose Queen. A new variety of a pleasing shade of delicate pink, long-spurred flowers.

Snow Queen. A pure white, long-spurred type.

Price of Aquilegias, 25c. each; $2.50 per doz.; per 100, $15.00.

*ARABIS (Rock Cress)

Alpina. One of the most desirable of the very early Spring-flowering plants that is especially adapted for edging and for the rock garden, but does equally well in the border, forming a dense carpet, completely covered with pure white flowers. 25c. each; $2.50 per doz.; per 100, $15.00.

***— flore plena.** The double white Rock Cress, flowering from April until June. 35c. each; $3.50 per dozen.

***— Rosea.** Single delicate soft pink flowers. 35c. each; $3.50 per dozen.

*ARMERIA (Sea Pink or Thrift)

Attractive dwarf plants that will succeed in any soil, forming evergreen tufts of bright green foliage, from which innumerable flowers appear in dense heads, on stiff, wiry stems, from 9 to 12 inches high.

Caespitosa Hybrids. Knots of spiny cushions, studded with heads of delicate pink flowers; 2 to 3 inches high. 35c. each; $3.50 per dozen.

Cephalotes, Bee's Ruby. Has stout stems with large globular heads of brilliant ruby-red flowers. 50c. each; per doz., $5.00.

Cephalotes Rubra. Large heads of crimson-red flowers on stout stems.

Laucheana Rosea. Bright rose.

Price (except where noted), 30c. each; $2.75 per doz.; $18.00 per 100.

Aquilegia (Columbine) Long Spurred

*ARENARIA (Sandwort)

Montana. A very desirable creeping plant, forming a dense carpet of foliage, covered with attractive white flowers in Spring. Excellent for the rockery. 25c. each; $2.50 per doz.; per 100, $15.00.

ASCLEPIAS (Butterfly Weed)

Tuberosa. Very showy native plants, about 2 feet high, producing their flowers of brilliant orange-scarlet during July and August. 25c. each; $2.50 per doz.; per 100, $15.00.

ASTER FRIKARTI (Wonder of Stafa)

A new everblooming perennial, blooms from June until frost. Flowers of a clear azure-blue, about 3 inches in diameter on long stems. 50c. each; per doz., $5.00.

*DWARF ASTERS

Alpinus. Indispensable for the rockery or edge of hardy borders; grows 6 to 10 inches high and bears large, showy bluish-purple flowers in May and June.

Alpinus Albus. Identical to the above, but with pure white flowers.

Mauve Cushion. An entirely distinct species. Forms a circular cushion-like plant 2½ feet across, rarely exceeding 9 inches in height. Flowers delicate, soft mauve, with silvery white reflection and over 1¼ inches in diameter and completely cover the plant; blooms begin to expand early in October, but are not at their best until November.

Sub-coeruleus. Forms a dense tuft of leaves from which spring many leafless stems 12 inches high, bearing in June and July large, bluish-violet flowers.

— Wartburg Star. An excellent new variety, valuable for cutting. Long stemmed flowers; large, bright lavender-blue with yellow centers.

Price of Dwarf Asters, 30c. each; $3.00 per doz.; per 100, $20.00.

Plants marked * are suitable for the rock garden

New Dwarf Border Aster

NEW DWARF BORDER ASTERS FOR 1936

The following is a selected list of the new hybrids for this season, all are quite distinct and pretty. You will make no mistake in making a planting of these this season.

Constance. A really pure shell-pink, a delightful color; of very graceful habit; October. 9 inches.

Diana. Large, delicate, soft pink, semi-double flowers with pretty feathery green foliage; September. 9 inches.

Hebe. A compact variety with small deep pink flowers; an ideal rock plant, September. 10 inches.

Lavanda. Lavender-blue flowers; very free and early, commencing to bloom early in September. 6 inches.

Lilac Time. Lovely soft lilac flowers; very free and of bushy habit. September-October. 12 inches.

Niobe. The best white variety; of dwarf compact habit with pure white flowers. September. 6 inches.

Price: any of the new set, 50c. each; $5.00 per dozen.

OUTSTANDING NEW HARDY ASTERS

Aurora. Large semi-double flowers of a beautiful clear shell-pink with a yellow center; charming feathery foliage of a bushy habit. September. 18 inches.

Blue Bouquet. Large clear violet-blue flowers with yellow eye, very charming. October. 18 inches.

Burbank's Charming. Entirely distinct from any other Aster in habit of growth and foliage. The plants grow 5 feet high and are completely covered with masses of feathery sprays of a delicate rosy-white color. October to November.

Cordifolius, Silver Spray. Charming novelty with long arching sprays, smothered with masses of pale silver lace flowers. September and October. 4 to 5 feet.

Dorothy Vokes. Of very distinct bushy habit, covered with clear pink flowers. October. 15 inches.

Hybridus Luteus. Masses of bright clear yellow, star shaped flowers. A border acquisition of yellow from July until frost. Grows compact and bushy, 2 feet high. Free flowering and keeps well when cut.

Mt. Everest. A wonderful white Aster, by far the finest and best white ever introduced. Very tall, well shaped pyramids of flowers right down to the ground. The flowers are large, pure white with a very small yellow eye and unlike other white Asters the old flowers do not discolor the mass.

Red Rover. Deep rosy-red flowers with golden center; buds bright red giving us our first red Fall flowering Aster. Compact habit and very free flowering. 3 to 4 feet, September to frost. A real novelty which should be in every garden.

Skylands Queen. Large light blue flowers produced abundantly on 4 foot plants in late August and early September. Dark green, disease resistant foliage. The best Fall Aster and a happy grower.

50c. each; $5.00 per dozen.

*DWARF BORDER ASTERS

We take pleasure in introducing a collection of dwarf Hybrid Asters which we feel will fill a long felt want in providing a race of dwarf, compact, free flowering plants, blooming when there is a scarcity of low growing flowering plants. They rarely exceed one foot in height and during the blooming period in September they are completely covered with blossoms for a considerable time. They are exceptionally fine for edging or grouping in front of borders, they are also charming for the rock garden.

Countess of Dudley. Charming clear pink flowers with yellow eye; bushy and free flowering. Late September. 9 inches.

Lady Henry Maddocks. Clear pale pink flowers; very free flowering and of dwarf compact growth. September. 12 inches.

Marjorie. A charming plant of compact growth, bearing large flowers of a bright rose-pink. Mid-September. 12 inches.

Nancy. Of dwarf bushy habit and very free flowering, the plants being covered with pale flesh-pink flowers towards the end of September. 12 inches.

Ronald. Forms a dwarf bush covered with flowers of a pleasing bright shade of lilac-pink with rose-pink buds, very showy. Mid-September. 12 inches.

Snowsprite (*Snow Fairy*). A very dwarf, early Fall-flowering variety forming compact clumps about one foot high; these are smothered with large, semi-double white flowers. A splendid novelty which deserves a place in every garden. Early September.

Victor. The dwarfest of all and very pretty. The flowers are of good size and of a beautiful clear, pale lavender-blue; a charming rock plant. Early September. 12 inches.

35c. each; $3.50 per doz.; per 100, $25.00.

HARDY ASTERS (Michaelmas Daisies)

Anita Ballard. Light Lobelia blue, shading to lighter center. Early and free. 3 feet.

Autumn Beauty. An exquisite shade of light blue; very large flowers, commencing to bloom in the late Summer. 4 feet.

Barrs Pink. A strong vigorous grower, forming shapely plants from four to five feet high with beautiful pink flowers.

Blue Gem. One of the most decorative free-flowering rich blue varieties, probably the nearest approach to a true blue. 3 feet.

Glory of Colwall. Large, nearly double, Ageratum-blue flowers; remarkably free flowering. 2½ feet.

Miss Eisele. Very large flowers of a beautiful lavender blue; one of the best. 3 feet.

Novae Angliae. Bright violet-purple flowers in abundance during the early Autumn. 4 feet.

Novi Belgii Climax. One of the best and showiest, with large pyramidal spikes of lavender-blue flowers. 5 feet.

Pink Progressive. Very bushy plants with masses of small pink flowers. The best low growing pink. 2½ feet.

Queen Mary. The best of the Novi Belgii type, graceful flowers, 2½ inches in diameter, arranged loosely in branching panicles of a particularly pleasing blue, tinted lavender. 3½ feet high.

Roseum Superbum. This is one of the best hardy Asters we have ever seen. The color is almost red; profuse bloomer.

Sam Banham. Very large and graceful pure white flowers. One of the earliest to bloom. 3 feet.

St. Egwin. Densely branched, producing beautiful pink flowers; September. 3 feet.

Tataricus. Large flowers of bluish violet, very late. 6 feet.

Price, 25c. each; $2.50 per doz.; per 100, $15.00.

Our long-spurred Columbines are unsurpassed for their light and airy grace in the Spring garden. See page 107

Plants marked * are suitable for the rock garden

(wn)

ARTEMISIA

A most useful class of plants either for the border or for filling in within the shrubbery. With the exception of the variety Lactiflora, they are not remarkable for their flowers; the foliage of the sorts offered is very ornamental.

Abrotanum (*Old Man, or Southern-wood*). Dark green, finely cut foliage, with pleasant aromatic odor; 2 feet.

Frigida (*Fringed Wormwood*). A shrubby little plant, growing from 8 to 12 inches high, with finely cut silvery foliage; a fine border plant.

Lactiflora. A variety of great merit; flowers white, in much branched panicles; very fragrant; 4 feet; August, September. Should be planted in fertile, moist soil.

Pedemontana. A handsome variety with finely cut silvery foliage.

Silver King. A new variety with beautiful, bright silvery foliage, which can be cut and dried, and which will retain its silver color all Winter.

Stelleriana (*Old Woman*). Deeply cut silvery foliage; much used in carpet bedding; 18 inches.

Price of Artemisias, 30c. each; $2.75 per doz.; $18.00 per 100.

ASTILBE ARENDSI

The plants are of vigorous growth, 2½ to 3½ feet high. They prefer a half-shady, moist position in any ordinary garden soil.

Amethyst. Well-branched spikes of deep violet-purple; end of June; 3 feet.

Betsy Cuperius. A splendid variety, growing about 5 feet high, with drooping flower spikes about 2 feet long; white with pink centers; very showy.

Gloria Superba. Deep rose-pink flowers; very showy.

Marguerite van Rechteren. This variety grows about 5 feet high, the flower stem itself is about 3 feet long and the very fine fringed flowers are bright red tinged with dark lilac.

Rhineland. The compact spikes of flowers are bright crimson shaded salmon.

Rose Pearl. Shell pink; an excellent variety for the garden.

Vesta. Very graceful plumes of light lilac-rose.

50c. each; $5.00 per doz.

*AUBRIETIA (Rainbow Rock Cress)

Deltoides. Neat compact plants covered with closely set lilac flowers. Excellent for the rockery. 30c. each; $2.75 per doz.; per 100, $18.00.

BELLIS PERENNIS (English Daisy)

Improved double flowering, pink and white, separate colors. 25c. each; $2.50 per doz.; per 100, $15.00.

BOCCONIA

(Plume Poppy, or Tree Celandine)

Cordata. A noble, hardy perennial, beautiful in foliage and flower; admirably adapted for planting in the shrubbery borders, center of beds and in bold groups in almost any position. It will grow in any soil or situation, attaining from 6 to 8 feet in height; flowers in terminal panicles, of a creamy-white color during July and August. 25c. each; $2.50 per doz.; per 100, $15.00.

BOLTONIA (False Chamomile)

Among the showiest of our native hardy perennial plants, with large single, Aster-like flowers.

Asteroides. Pure white; very effective; 5 to 7 feet.

Latisquama. Pink, slightly tinged with lavender, 4 to 6 feet. 25c. each; $2.50 per doz.; per 100, $15.00.

CALLIRHOE (Poppy Mallow)

Involucrata. An excellent trailing plant with finely divided foliage and large saucer-shaped flowers of bright, rosy-crimson with white centres, produced freely during Summer and Fall. 25c. each; $2.50 per doz.; per 100, $15.00.

CAMPANULA (Bell Flower)

Showy perennial plants of special merit. In every well ordered hardy garden Campanulas should have a prominent place. They delight in good rich loam, preferring a semi-shaded place.

Calycanthema (*Cup and Saucer*). Pink, white and blue, each color separate; height, 18 inches; June-July.

***Carpatica** (*Carpathian Hare-bell*). A pretty compact growing variety with flowers of clear blue on erect wiry stems, from July until October. An ideal edging for the border or rockery.

*— **Alba.** A pure white form of the above.

***Garganica.** Forms a low spreading tuft, covered in June with star-shaped light blue flowers with white eyes. An excellent rock plant.

Glomerata Superba. Flowers dark violet; late flowering.

Media (*Old-fashioned Canterbury Bells*). Flowers freely in June; 3 to 4 feet high. Blue, pink and white, in separate colors.

Muralis. A mid-summer blooming Campanula with masses of purple-blue, bell-shaped flowers on 4 to 6 inch stems.

Persicifolia (*Peach Bells*). Bright blue flowers during June and July; 2 feet.

— **Alba.** A pure white form of the above.

Poscharskyana. A trailing plant related to C. Garganica but with a greater profusion of grey-blue starry flowers. Splendid for dry walls and trailing over large boulders. Blooms from May until July and often again through the Fall. Does well in either sun or shade; 4 inches high.

Pyramidalis (*Chimney Bell Flower*). The most conspicuous of all Campanulas, forming a perfect pyramid 4 to 6 feet high of porcelain blue flowers in August.

— **Alba.** A pure white form of the above.

Rapunculoides. Strong growing; flowers purplish blue.

Rotundifolia (*Blue Bells of Scotland*). The true Harebell; clear blue flowers from June to August.

Trachelium (*Coventry Bells*). Purple flowers; June and July; 3 feet.

Any of the above, 30c. each; $2.75 per doz.; $18.00 per 100.

Astilbe

Hardy Phlox are one of the most popular and showy plants for the garden. See page 122.
Plants marked * are suitable for the rock garden

Caryopteris Mastacanthus Superbus

CARYOPTERIS MASTACANTHUS SUPERBUS

A handsome and free flowering woody, hardy plant, growing from 2 to 3 feet high. The long branches are completely covered with clear colored flowers during September and October. Well adapted for cutting and valuable on account of its late flowering habit. We can furnish these in separate colors; Blue, Pink and White. 35c. each; $3.50 per doz.; per 100, $25.00.

NEW HARDY CARNATIONS

A beautiful strain resembling the indoor Carnation, flowering freely during the entire Summer; long stems, excellent for cutting.

Beatrix. Light salmon-pink; in bloom from May to November.

Crimson King. Flowers blood red; compact erect habit. Height, 1 foot. Very free flowering.

Giant Pink. Delicate pink.

Grenadin Red. Bright red.

— White. Pure white.

Prince Bismarck. Deep rosy-pink.

25c. each; $2.50 per doz.; per 100, $15.00.

HARDY BORDER CARNATIONS

Choice mixed seedlings produced from seed. We supply strong plants that will furnish an abundance of double flowers this season. 25c. each; $2.50 per doz.; per 100, $15.00.

CENTAUREA (Hard Heads or Knapweed)

Of easy culture, delighting in an open, sunny position, producing a wealth of bloom, which not only makes a fine display in the border, but is excellent for cutting.

Dealbata. Bright rose colored flowers borne profusely from July until September. 18 inches.

Macrocephala. Large, thistle-like, golden yellow flowers. Useful for cutting and showy in the border. July and August. 3½ feet.

Montana (*Perennial Corn Flower*). Grows 2 feet high, bearing large violet blue flowers from July to September.

— Alba. A pure white form of the above.

25c. each; $2.50 per doz.; per 100, $15.00.

*CERASTIUM (Snow-in-Summer)

Biebersteini. Pure white flowers and silvery foliage. A compact grower and fine for the rock garden. 25c. each; $2.50 per doz.; per 100, $15.00.

NEW EARLY KOREAN HYBRID CHRYSANTHEMUMS

From 25,000 hybrid seedlings of 1934 the following were selected, not alone for the novel color tones in many of them and their variations in form but most particularly because of their flowering from ten days to two weeks earlier than the Korean crosses heretofore offered.

The Korean Hybrids have been welcomed not alone for their dainty flowers and graceful plants but particularly for their increased hardiness.

The varieties offered will begin flowering early in September and continue well through October.

Clio. Dwarf compact plant of pleasing habit, producing masses of deep carmine-rose, duplex flowers.

Fortuna. Very vigorous plant of medium height and covered with unique, curly petaled, ox-blood red flowers 3 to 4 inches in diameter; very striking.

Hestia. The nicely formed semi-double flowers are very freely produced on compact bushy plants of medium height. The color is a very delicate rose-pink with a white halo around the small yellow disc.

Juno. Very dwarf, compact plant, producing an abundance of single flowers, opening a coppery-red and fading with age to a salmon flesh.

Niobe. A vigorous, healthy plant of dwarf, compact growth. Flowers over 2½ inches in diameter, of a clear, glistening white with yellow disc are freely produced.

Nysa. A large, rather tall, upright plant growing 2½ to 3 feet in height and producing a great abundance of single flowers 3 inches in diameter. The color is a very clear rosy-lilac.

Psyche. Wonderfully dainty 4 to 5 inch single flowers are produced with wiry stems on strong healthy plants of medium height. Color a clean, lively shell-pink.

Sappho. Compact, dwarf plant covered with good sized pure single yellow flowers.

Thalia. A compact bushy plant growing 18 to 24 inches in height. The duplex flowers are of a lively orange shade.

Vesta. A plant of medium height and great vigor, literally covered with flowers over 2½ inches in diameter, of a deep golden-orange shade, almost a duplex.

Price, any of the above, 50c. each; $5.00 per dozen.

Chrysanthemum, Niobe

Plants marked * are suitable for the rock garden

HARDY GARDEN CHRYSANTHEMUMS

These showy and effective favorites are now universally popular. When planted outside they extend the flowering season of your perennial garden, blooming profusely in October after other flowers have been browned by early frosts, which do not affect the Chrysanthemums, producing a wealth of bloom especially fine for cutting. They should be planted in a well drained position either in the hardy border or at the edge of a shrubbery border. The planting should be done early in the Spring, so that the plants will have the entire Summer to establish themselves, and late in the Autumn, after they have finished flowering, and the tops have been cut off they should have a covering of leaves or loose litter as a Winter protection, but do not cover with manure. Early in the Spring after danger of severe freezing is over and before any growth starts, the covering should be removed.

Adironda. Small, compact, aster-flowered variety of medium height, covered with beautiful bronze flowers early in the season.

Aladdin. The color is a bright apricot and the flowers are produced on long stems, from early August until frost.

Champagne. Bright ruby-red, wonderfully colored; aster flowered.

Comoleta. Early, aster flowered, excellent yellow.

Early Bronze. An extremely early flowering type, one of the best for cutting and general garden use. Large double flowers from September to frost.

Golden Climax. Orange yellow button.

Golden Queen. Large yellow flowers.

La Garonne. Rose and buff; very attractive aster.

Lilian Doty. A strong upright grower, producing beautiful sprays of clear light pink flowers; aster flowered.

Little Dot. Rich mahogany-crimson button.

Mrs. H. E. Kidder. Large early yellow aster.

Mrs. Nellie Kleris. A strong growing variety, producing beautiful sprays of clear light pink flowers.

Murillo. One of the best pink hardy chrysanthemums; medium early; aster flowered.

Nellie Irwin. A true Pompon; clear bright yellow in color, with fine, clean foliage and stiff stems.

Oconto. A Japanese variety with pure white flowers on strong stiff stems; aster flowered.

Ouray. An early flowering variety of medium height, bearing flowers of good size on long stiff stems. Color is a very brilliant deep scarlet with coppery suffusion.

Pink Cushion. True to its name it makes a complete compact cushion of pink. Excellent for borders or rock gardens. Grows 18 to 24 inches high and blooms constantly from September until frost. Individual flowers pink, of pompon size.

Ruth Cumming. Early terra cotta aster.

Ruth Hatton. Early white aster.

Uvalda. The earliest white, sometimes showing a tinge of pink but turning pure white as the flowers develop.

White Doty. A sport of the popular variety Lilian Doty and identical in every way, except color which is pure white.

Wm. Sobey. Midseason; a fine yellow button.

Yellow Doty. One of the most robust growers in our collection, producing an abundance of bright golden-yellow flowers.

Yellow Normandie. One of the earliest to bloom; a beautiful yellow aster flowered variety.

SINGLE FLOWERING VARIETIES

A great many prefer the single flowering varieties as they are very free flowering and possess a grace that appeals.

Alice Howell. Early, orange yellow or bronze.

Buff Beauty. Early, pale buff.

Cosmos. Deep purplish carmine.

Dazzler. The greatest single scarlet.

Donald Wells. The best single white.

Mrs. Max Behr. Glistening chestnut scarlet.

Mrs. W. E. Buckingham. Midseason; a beautiful shade of pink.

Shirley Terra Cotta. Orange red.

Price of Hardy Chrysanthemums, 25c. each; $2.50 per doz.; per 100, $15.00.

KOREAN HYBRIDS

These extra hardy, single flowering Chrysanthemums are one of the most outstanding new creations. During the late Fall the plants are simply covered with graceful, large, single flowers of rare charm.

Apollo. A sparkling combination of bronze, red and gold suffused with salmon. The flowers are produced in sprays with single flowers 2 inches in diameter. 2½ feet; early in October.

Ceres. A suffusion of old gold, chamois-yellow and soft coppery-bronze. Attractive single flowers produced in sprays. A handsome plant 2 to 2½ feet high; early October.

Daphne. A beautiful Daphne-pink with a lilac sheen and prominent golden stamens in the center of the single flowers, which are 3½ inches in diameter. Blooms early in October and grows from 2 to 2½ feet high.

Diana. A charming blend of rose-pink mingled with lilac-rose and soft salmon. Has triple rows of petals; early in October.

Innocence. The buds are flesh pink opening into daisy-like pure white flowers; 1½ feet; September and October.

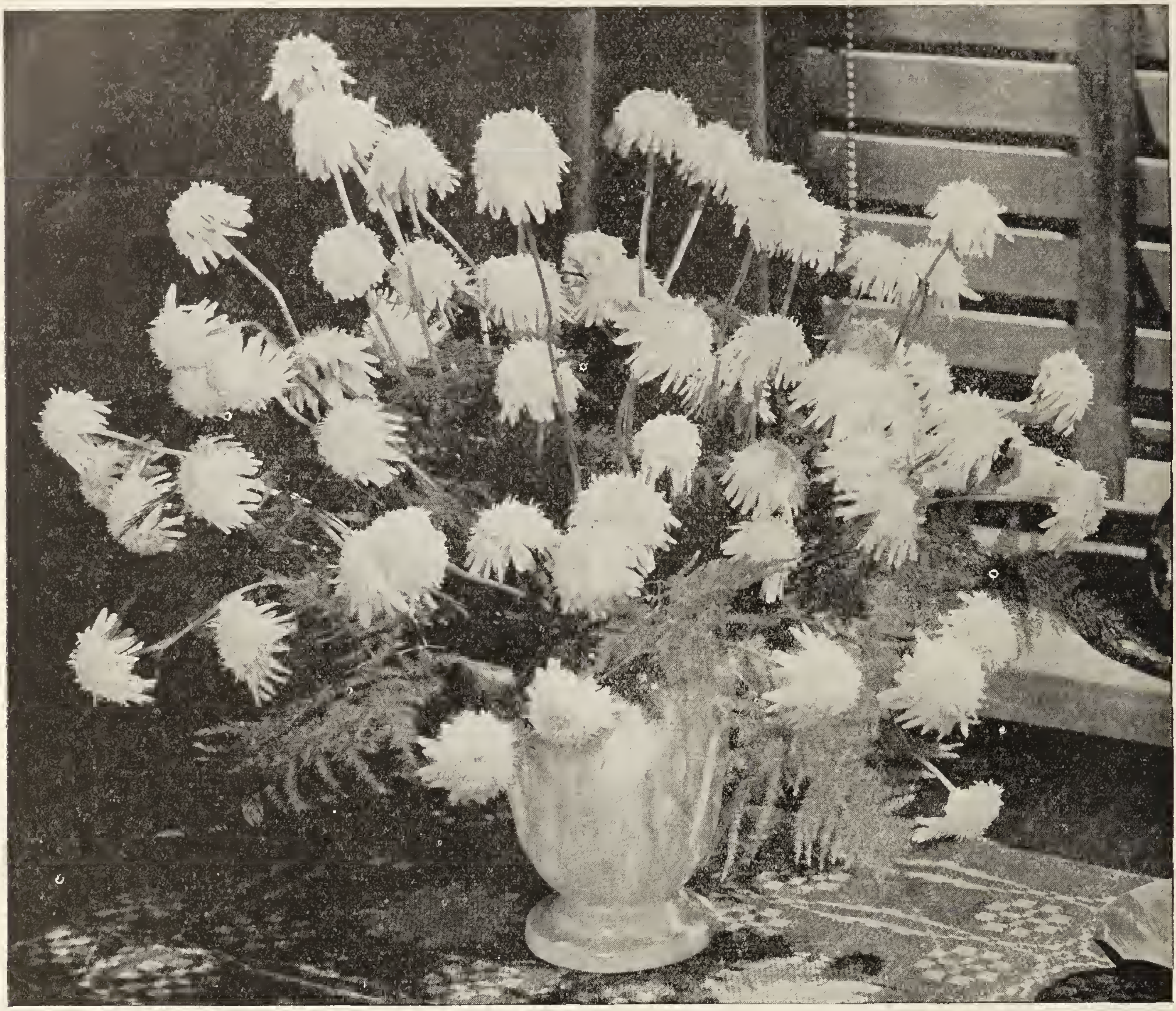
Louise Schling. Glowing salmon-red changing to a soft bronzy salmon as the flower matures. Flowers are fully 3 inches in diameter with three or four rows of petals. Early October.

Mars. The almost single flowers are deep amaranth-red changing to wine-red, overlaid with a velvety sheen, making a very striking effect in the garden; 2½ feet. Early October.

Mercury. The nicely formed, showy flowers are about 3 inches in diameter, opening bronze-red changing to coppery-bronze as they mature. This is a cut-flower that will keep well and the graceful sprays make it ideal for that purpose. Early October.

Price, any of the above, 35c. each; $3.50 per dozen.

Hardy Chrysanthemum



Daisy, White Swan

NEW DOUBLE DAISY, WHITE SWAN

Here is a Daisy that will compare with the double Pyrethrums. It produces solid double, pure white flowers on wiry stems 18 to 24 inches in length. It is not unusual for one plant to produce from 15 to 20 flowers during late May and early June.

The flowers are uniform, of good size and are excellent for cutting. Perfectly hardy. 50c. each, $5.00 per dozen.

CHRYSANTHEMUM

Shasta Daisy (*Alaska*). A decided improvement on the original, with blooms 4½ to 5 inches across, of pure glistening white. Very free-flowering and in bloom all Summer and Fall.

***Arcticum** (*The Arctic Daisy*). One of the most attractive Fall-flowering perennials. It forms a rosette-like clump of pretty dark green foliage during the Summer, and early in the Fall sends up multitudes of large pure white flowers, which continue throughout October and frequently into November.

Coreanum (*Korean Chrysanthemum*). A remarkable new perennial from Korea, of ironclad hardiness. Large white flowers, with golden center, often turning to a light pink in frosty weather; in bloom from October to December.

Etoile D'Or. Another of the large flowering English type, producing the largest and best flowers of any from June to September. 30c. each; $2.75 per doz.; per 100, $18.00.

CHELONE (Shell Flower)

Handsome perennials growing about two feet high and bearing numerous spikes of large flower heads during the Summer.

Lyoni. Heads of showy purplish-red flowers. 30c. each; $2.75 per doz.; per 100, $18.00.

*CHIERANTHUS

Allioni (*Siberian Wallflower*). An excellent rock plant growing about 12 inches high and producing an abundance of brilliant orange flowers in June. 25c. each; $2.50 per doz.; per 100, $15.00.

CORONILLA

Cappadocica. A glaucus mat emblazoned with a coronet of golden pea-shaped flowers during late May, June and July. Best in full sun. A novelty of the highest Merit. 50c. each; $5.00 per dozen.

The Rose is the "Queen of Flowers," see pages 100 to 105 for a list of the best (wn)
Plants marked * are suitable for the rock garden

Dielytra Spectabilis

COREOPSIS

Lanceolata Grandiflora. Flowers rich gold yellow and of graceful form; fine for cutting. A few plants make a handsome display, either planted individually or in clumps; dozens of flowers are produced on a single plant, and where quantity and quality are wanted Coreopsis should be planted; June till October. 25c. each; $2.50 per doz.; per 100, $15.00.

Lanceolata Golden Giant. A glorious, new, large flowering Coreopsis. The flowers are a rich golden-yellow, 4 inches in diameter and perfect in form, attractively fragrant. An outstanding novelty. 50c. each; $5.00 per dozen.

DIGITALIS (Foxglove)

The Foxgloves, old-fashioned, dignified and stately, are wholesome company in any garden. The strong flower stalks, frequently from 4 to 6 feet high, rising from a luxuriant mass of leaves, always give an appearance of strength to the hardy border and during their period of flowering dominate the whole garden.

Ambigua or Grandiflora. Showy flowers of pale yellow, veined brown; 2 to 3 feet.

Giant Shirley. These are a genuine "Shirley" production of extraordinary size and vigor. The flower heads are over 3 feet long, crowded with large bell-shaped blossoms, ranging in color from white and shell-pink to deepest rose, many attractively dotted with crimson and chocolate. We offer these in mixed colors only.

Gloxiniaeflora. White, Pink, Purple. Each separate.
30c. each; $2.75 per doz.; $18.00 per 100.

**Our booklet
"The Hardy
Flower Garden"
will be sent free
on request**

DIELYTRA or DICENTRA

***Eximea** *(Fringed Bleeding Heart)*. A dwarf growing variety with beautiful, finely cut foliage and showy racemes of pretty pink flowers throughout the season. 30c. each; $3.00 per doz.; $20.00 per 100.

Spectabilis *(Bleeding Heart or Seal Flower)*. We are fortunate in again being able to offer this old-fashioned favorite; its long sprays of graceful, heart-shaped flowers are always attractive. A most satisfactory plant for the hardy border, especially when it can be planted in the shade. 50c. each; $5.00 per doz.; per 100, $40.00.

*DIANTHUS (Pinks)

These are brilliantly colored flowers, which appear in great numbers on the plant and have a rich clove scent. For table bowls, as a cut-flower, they are much in use. For edging hardy borders, garden walks, or planted in rock gardens, they fill an important place. They are at their height of bloom in June.

Alwoodi Alpinus. A perfect gem for the rock garden; 4 to 6 inches high; choice colors.

Caesius *(Cheddar Pink)*. Compact cushions of blue-gray foliage with sweetly scented rose-pink flowers during May and June.

Deltoides *(Maiden Pink)*. A continuous flowering variety with pink flowers. Especially suited for rock work.

Deltoides Alba. White flowers.

Latifolius Atrococcineus Fl. Pl. *(Everblooming Hybrid Sweet William)*. A splendid variety with brilliant crimson, double flowers. Blooms continuously during the entire season.

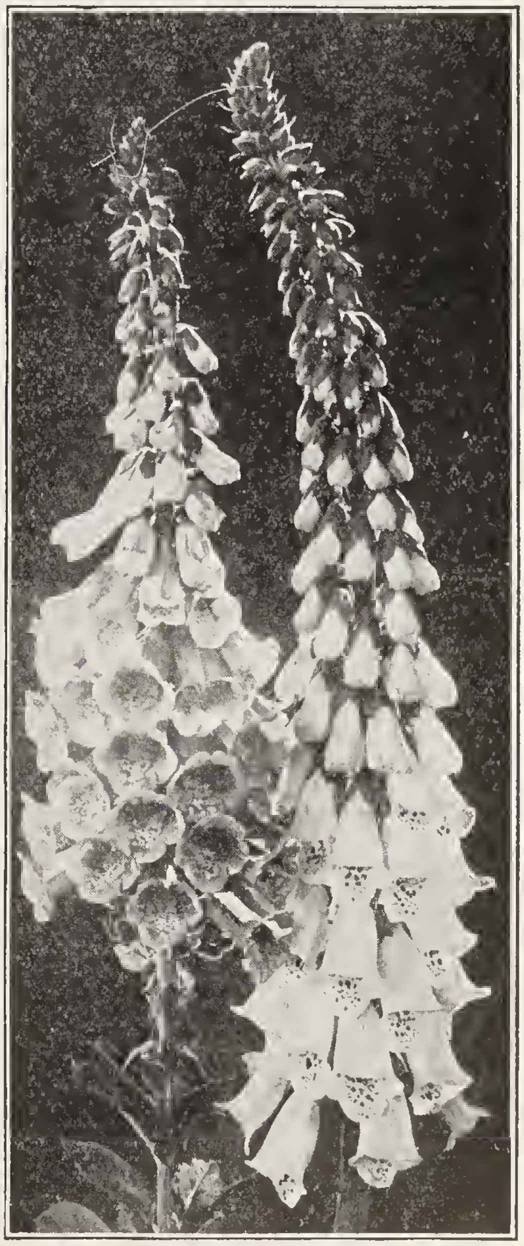
Sweet Wivelsfield. This new variety is a hybrid, being a cross between Dianthus Allwoodi and the Sweet William; in bloom continuously from May until frost, in a great variation of colors.

Any of the above, 25c. each; $2.50 per doz.; per 100, $15.00.

Hardy GARDEN PINKS (See page 121)

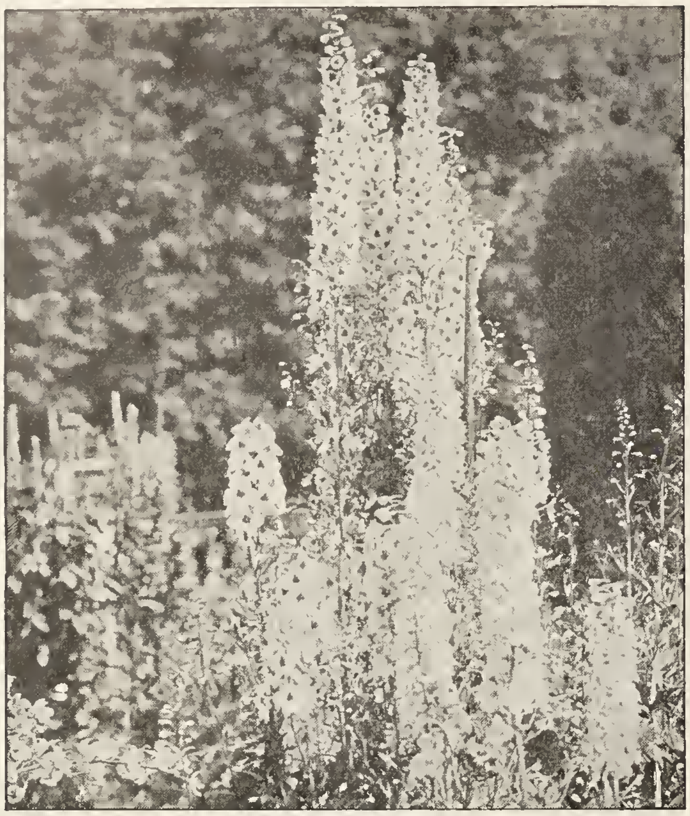
DORONICUM (Leopard's Bane)

Excelsum. A very showy daisy-like flower of clear bright yellow, blooming in April and May; splendid for cutting. 30c. each; $3.00 per doz.; $20.00 per 100.



Digitalis (Foxglove)

Plants marked * are suitable for the rock garden



Michell's New and Modern Hybrid Delphiniums

SHRUBBY CLEMATIS

Davidiana. A most desirable variety with fresh, bright green foliage and bell-shaped flowers, of deep lavender blue during August and September; very fragrant. 35c. each; $3.50 per doz.

CYPRIPEDIUM (Hardy Orchid)

There is a wealth of beauty in this little cultivated class of plants. The sorts offered below are quite hardy and succeed best in a partially shaded position in a deep, moist soil, composed of equal parts of loam, leaf mold and sand.

Cypripedium Acaule (*Lady's Slipper*). Broad oval foliage and showy bright pink, lighter veined, curiously formed flowers.

— **Pubescens** (*Yellow Lady's Slipper*). Large showy bright yellow flowers.

— **Spectabile** (*Moccasin Flower or Showy Lady's Slipper*). Clusters of beautiful pink and white flowers.

50c. each; $5.00 per dozen.

STANDARD VARIETIES OF HARDY DELPHINIUMS

Belladonna. The clear turquoise-blue of its flowers is not equalled for delicacy and beauty by any other flower.

Bellamosum. A dark blue form of Belladonna with which it is identical excepting in color, which is a rich deep blue.

Chinense. A very pretty dwarf species, with fine feathery foliage and intense gentian-blue flowers in open panicles.

Album. A pure white form of the above.

Price, any of the above. 25c. each; $2.50 per doz.; per 100, $15.00.

Michell's Gold Medal Hybrids. The plants are of strong, vigorous habit, with large flowers on spikes two feet and over long, the majority running in the lighter shades of blue. We can supply them in mixture only. Price, 30c. each; $3.00 per doz.; per 100, $20.00.

Perpetual Hybrids. See color plate opposite page.

DICTAMNUS (Gas Plant)

Caucasica. See color plate opposite page.

Fraxinella Rubra. A very showy border perennial, forming a bush about 2½ feet high, having fragrant foliage and spikes of rosy-pink flowers with deeper veins, during July and August.

Fraxinella Alba. The white flowered variety of the above.

35c. each; $3.50 per doz.

MICHELL'S MODERN HYBRID DELPHINIUMS

In every garden of distinction you will find a generous use of the Modern Delphinium. No garden is complete without them. Theirs is an incredible beauty, at home in the small back yard garden as well as in the more pretentious formal herbaceous plantings.

A beauty majestic in the towering splendor of their perfect spikes, their range of exquisite colorings of blues, purples and mauves, and all the subtle nuances relating these shades.

The plants we offer are carefully selected seedlings of the English Prize Winning strains checked as to type, while in bloom. At the leading shows last year these same plants were the outstanding sensation and we are truly proud to serve our discriminating clientele with these New Modern Delphiniums.

Order Early. *Delphiniums start their growth before the last snow has melted. Early plantings will make the strongest blooms.*

The plants of these wonderful Hybrids are shipped balled and burlapped, therefore arriving at your home in a condition for uninterrupted growth. The other varieties are shipped out of pots with a full ball of earth.

Make your garden a triumphant thing of beauty this year with Michell's New Modern Delphiniums.

NAMED VARIETIES OF MICHELL'S NEW MODERN DELPHINIUMS

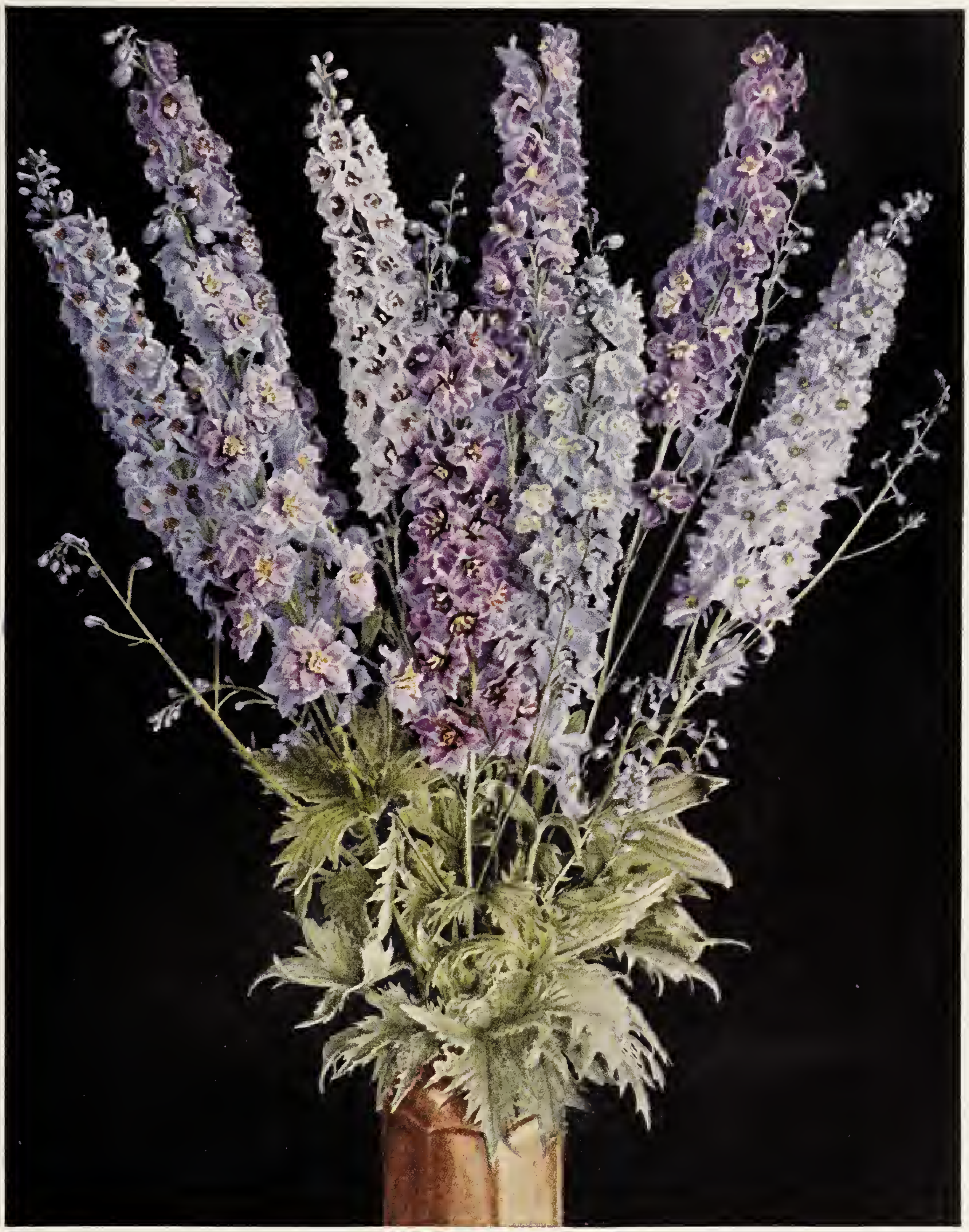
		Each
Advancement.	Colors of striking beauty. Rich mauve	$3.00
Blue Queen.	Azure blue with blackish brown center; single	1.50
Clive Greaves.	Rich porcelain blue flowers of good form	1.50
Constance.	A lovely blue single, white eye	1.50
Countess Cowley.	Light blue and mauve, with black eye; semi-double flowers of wonderfully fine form	1.50
Edward Bromet.	The purplish blue ground is rich and the white eye extremely large. 5 feet	1.50
Glory.	Mauve, shaded rose. 4 feet	1.50
Great Strides.	Pale blue, shaded mauve, white eye	1.50
Happy Thought.	Medium blue, shaded pansy violet. 5 feet	1.50
Mrs. A. J. Watson.	Deep mauve shade with black center	1.50
Mrs. Norman Holden.	Large semi-double flowers of mauve and blue with large black eye. A splendid variety. 5 feet	1.50
Mrs. Shirley.	Lovely lilac mauve, white and sulphur eye	1.50
Mrs. Townley Parker.	Sky blue single, white eye	1.50
Norah Phillips.	A gorgeous effect of deep blue and purple florets on a tapering spike of 6 feet	1.50
R. A. Pilkington.	Rich violet, edged dark blue. Eye is brown and spike well formed. 5 feet	1.50
The Bishop.	Bright royal blue, white center. 5 feet	1.50
The Shah.	A deep rosy lavender self with dark eye. 5 feet	1.50
Watkin Samuels.	Rich blue and mauve	3.00

MICHELL'S NEW DELPHINIUMS IN COLOR GROUPS

A welcome innovation is the following offer of the Hollyhock Delphiniums released in four separate color groups. These plants are grown from the identical strains which comprise our well-known Named Delphiniums. The plants are all heavy field grown material, and are also shipped balled and burlapped. For exhibition material our Delphiniums are unsurpassed. Offered in the following color groups:

Light Shades, Mauve Shades, Intermediate Shades, Dark Shades, Mixture. Price: $1.25 each; $13.50 doz.; per 100, $100.00.

Iris are inexpensive and increase in size and beauty year after year; see pages 117 and 118



DELPHINIUM, PERPETUAL HYBRIDS

This fine mixture of Hybrid English Delphiniums is known throughout the Central and Southern parts of the United States, where they have been very successful. These plants are able to survive the adverse weather conditions far better than most of the imported strains. They are truly perennial, remaining in fine condition for years. The range of colors is perfect. You will find amongst them double as well as single flowered forms, growing to the height of five feet or more. Every garden should contain a liberal planting of Delphiniums and we recommend this special strain wholeheartedly.

Price, 3 for $1.60; $4.50 per doz.; per 100, $35.00.

ECHINOPS (Globe Thistle)

Ritro. Deep metallic-blue flowers; 3 feet. 25c. each; $2.50 per doz.; per 100, $15.00.

*ERODIUM

Chamaedryoides Roseum. A tiny alpine plant in flower throughout the season. Forms tufts of pretty glossy leaves covered with delicate pink, veined flowers on 2-inch stems. Plant in full sun. 50c. each; per doz., $5.00.

ERYNGIUM (Sea Holly)

Handsome ornamental plants, growing from 2 to 3 feet high. Effective in flower and shrubbery border, woodlands, wild gardens, etc.; the flower heads, which are produced from July to September, are useful to cut for vases or to dry for Winter bouquets.

Amethystinum. The finely cut, spiny foliage and the beautiful thistle-like heads are of glistening amethystine-blue.

Planum. Steel blue.

30c. each; $3.00 per doz.; per 100, $20.00.

EUPATORIUM

Ageratoides (*Thorough Wort*). A useful border plant, 3 feet high, with minute white flowers in dense heads; fine for cutting; August and September.

Coelestinum. A pretty hardy plant, with light blue flowers similar to the Ageratum. This is a particularly fine thing in hardy perennials; a splendid cut flower. 18 to 24 inches.

25c. each; $2.50 per doz.; per 100, $15.00.

EUPHORBIA (Milk Wort)

Corollata (*Flowering Spurge*). A very showy and desirable native plant, growing about 18 inches high and bearing from June to August umbels of pure white flowers with a small green eye. Desirable for cutting.

Polychroma. An elegant border plant and very attractive when covered with masses of yellow flower-like bracts in May.

25c. each; $2.50 per doz.; per 100, $15.00.

HARDY FERNS

Many persons are perplexed to know what is best suited for planting in densely shaded borders, particularly around porches. Nothing in the world produces such a permanent and satisfactory effect as Ferns. The graceful plants grow on an average from 1 to 2 feet high, according to the variety, and the clumps increase in size and beauty each year. They die down in the Winter and break forth again in May.

ADIANTUM Pedatum (*Maidenhair Fern*). 12 inch.

ASPIDIUM Acrostichoides (*Christmas Fern*). 12 inch.

— **Goldianum** (*Shield Fern*). 24 to 36 inch.

— **Spinulosum** (*Spinulose Wood Fern*). 12 to 15 inches.

ASPLENIUM Filix foemina (*Lady Fern*). 12 to 15 inch.

CYSTOPTERIS Bulbifera (*Bulblet Bladder Fern*). 24 inch.

DICKSONIA Punctilobula (*Gossamer Fern*). 18 inch.

ONOCLEA Struthiopteris (*Ostrich Fern*). 24 to 36 inch.

— **Sensibilis** (*Sensitive Fern*). 12 inch.

OSMUNDA Cinnamonea (*Cinnamon Fern*). 24 inch.

— **Claytoniana.** 24 inch.

— **Regalis** (*Royal or Flowering Fern*). 24 to 36 inches.

WOODSIA Illvensis. Excellent for rock-work, requiring little soil and thriving best in the sunniest corner. 6 inch.

Price, any of above, in large plants, 30c. each; $3.00 per doz.; per 100, $20.00.

FUNKIA (Plantain Lily; Day Lily)

Japanese perennials producing attractive clumps of foliage and interesting lily-like blossoms. A continuous row along a walk gives a strong and pleasing character. Delight in moist, shady situations.

Coerulea. Blue flowers, broad green leaves; June; 4 feet.

Subcordata Grandiflora. Very large, pure white, lily-shaped, fragrant flowers in August and September; 2½ to 3 feet.

Undulata Media Picta. Green and white variegated foliage; purple flowers. Makes a fine edging; July; 2 feet.

30c. each; $3.00 per doz.; per 100, $20.00.

Gaillardia, Grandiflora

GAILLARDIA (Blanket Flower)

Beautiful flowers are borne in profusion and make a striking effect. They last a long while as a cut flower, and are abundant from June until frost. Height, about 2 feet.

Grandiflora. Dark brown center, petals on the outer edge are yellow, and the center is surrounded with a rich orange disc.

Magnificent. This is a superior type of Gaillardia, producing very large flowers on long stems; excellent for cutting. The color is a bright golden-yellow with a well defined mahogany zone; broad petals.

— **Portola Hybrids.** Flowers of immense size; ranging through shades of bronzy red with golden tipped petals.

25c. each; $2.50 per doz.; per 100, $15.00.

*GEUM (Avens)

Well-known plants noted for their rich coloring and freedom of flowering. Useful for cutting and the rockery or border. May to July.

Coccineum, Mrs. Bradshaw. Twice the size of the old double scarlet with huge frilled petals, giving a full, double appearance. 6 to 10 inches.

Lady Stratheden. Large double flowers of a rich golden-yellow.

30c. each; $3.00 per doz.; per 100, $20.00.

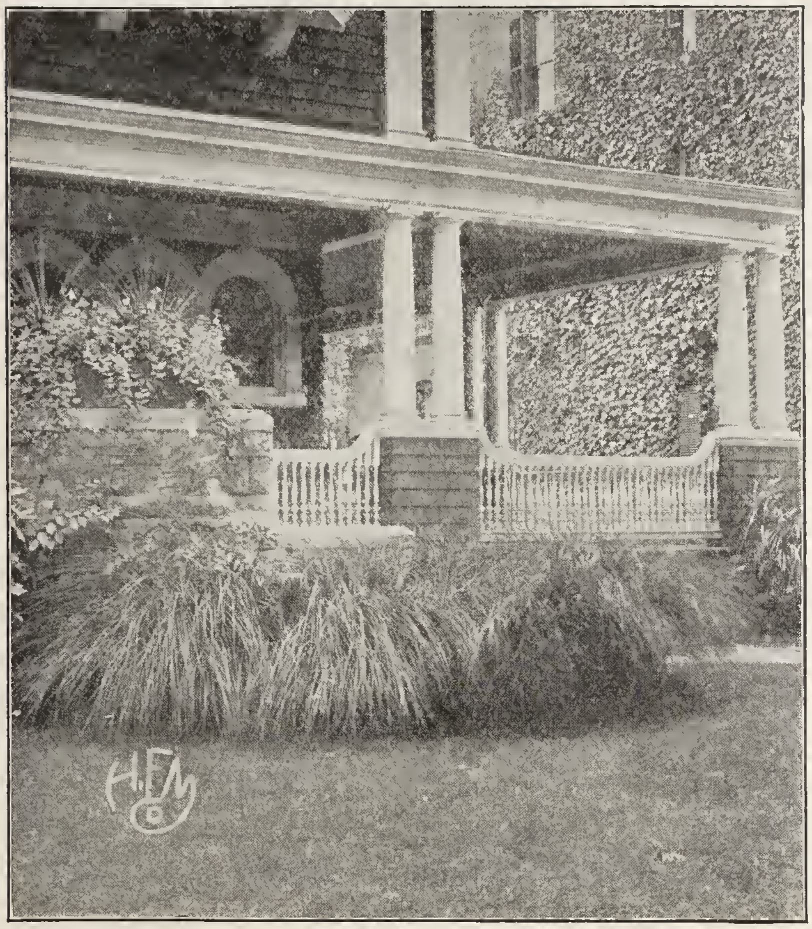
THREE NEW GEUMS

Borisii. One of the finest of the Geums. Forms neat foliage tufts with many branched stems 8 to 12 inches high, covered with large, vivid orange-scarlet flowers from May to October. 50c. each; $5.00 per doz.

Fire Opal. Dazzling rich scarlet flowers with orange sheen, often measuring 3 inches in diameter; very free flowering; May to October; a striking Geum. 75c. each; $7.50 per doz.

Princess Juliana. A splendid new hybrid with large, double, pure orange flowers on stout stems. Exceedingly free flowering; early; June to October. 75c. each; $7.50 per doz.

For a plentiful supply of lovely blue cut-flowers plant Delphiniums. See page 114.
Plants marked * are suitable for the rock garden



Hardy Grass

GYNERIUM (Pampas Grass)

Argenteum. The most effective of all the ornamental Grasses. Its large silvery plumes are produced on stems 8 to 10 feet high during the late Summer and Fall. This plant is well known to Summer visitors to California, where it is one of the features in many gardens. It can be grown equally well here and established plants can remain in the open ground if well protected. Extra plants of flowering size in 7 inch pots, $2.00 each.

GRASSES (Hardy Ornamental)

The generous beautiful effect produced by the hardy Grasses is hard to describe. Plantings must be seen to be appreciated. Excellent as individual specimens.

Elymus Glaucus (*Blue Lime Grass*). A graceful growing type with narrow silvery blue foliage; a dwarf compact grower; height, 3 feet.

Erianthus Ravennae (*Plume Grass or Hardy Pampas*). Deep green narrow foliage, growing about 10 feet high.

Eulalia Gracillima Univittata (*Japan Rush*). Graceful narrow foliage, growing 5 to 6 feet. Green, with silvery rib.

Eulalia Japonica Variegata. An attractive variety with a variation of markings of white, green, sometimes light pink and yellow; 4 to 5 feet high.

Eulalia Japonica. Like the variegated variety, except that it is entirely green.

Eulalia Japonica Zebrina. Dark green foliage, crossmarked horizontally golden yellow. One of the best of hardy Grasses.

Phalaris Arundinacea Variegata (*Variegated Ribbon Grass or Gardener's Garter*). This sort is especially suited for edging taller varieties, as it grows somewhat dwarf. The foliage is somewhat broad, variegated white and green. 12 to 15 inches.

Pennisetum Japonicum (*Hardy Fountain Grass*). One of the most valuable hardy Grasses, either for beds, mixed borders or as individual specimens. Height, 4 feet.

Prices of Hardy Grasses, 35c. each; $3.50 per doz.; $25.00 per 100.

GLOBULARIA

Nudicaule. Small blue florets, globular heads, deep blue in color, a neat plant for the border.

Trischosanthus (*Globe Daisy*). A dwarf tufted little plant with beautiful lavender flower heads. Does well in front of a well drained border and is a brilliant picture in the rock garden.

25c. each; $2.50 per doz.

GENTIANA

Acaulis (*Stemless Gentian*). Very large, bell-shaped, rich blue flowers marked on the inside with yellow, rising 2 to 4 inches high from rosettes of glossy, deep green leaves in May and June. Fine for the rock garden or border in half shade, in good moist soil. 75c. each.

Andrewsi (*Blue Gentian*). Our native species; flowers beautiful deep blue; August and September; grows about 2½ feet high and requires rich moist soil. 30c. each; $3.00 per doz.

GYPSOPHILA (Baby's Breath)

During August and September this is a mass of delicate flowers. These may be used as fresh cut flowers, also for a semi-everlasting effect. They keep for months without water.

Bristol Fairy. A wonderful improvement over Paniculata Fl. Pl. It is a distinct new form, producing immense panicles of pure white double flowers very early in the season and continuing until frost. We offer strong plants that will flower this season. 50c. each; $5.00 per doz.; $40.00 per 100.

Paniculata. Feathery sprays of white flowers; useful for effects in bouquets.

***Repens.** A beautiful trailing plant for the rockery, with clouds of small white and pink flowers during July and August.

Price (except where noted), 30c. each; $2.75 per doz.; $18.00 per 100.

GYPSOPHILA REPENS BODGERI

A new dwarf, double white, tinted pink Gypsophila, attaining a height of about two feet. It blooms at least two weeks earlier than any other double flowering variety, which makes it particularly desirable either for garden display or for cutting. 50c. each; $5.00 per dozen.

HELENIUM (Sneezewort)

These desirable perennials succeed in almost any soil in a sunny location. The flowers are splendid for cutting.

Autumnale Rubrum. Bright, terra-cotta red; 4 feet.

Autumnale Superbum. Golden-yellow flowers in late Summer and Fall; 5 to 6 feet.

Bruneum Coccineum. Erect branching habit, flowers of a dark, bronzy, brownish-red; one of the earliest to flower; 2½ feet.

Gaillardiaeflorum. Glowing bronzy-red petals with just a tip of golden-yellow; 3 feet.

Golden Youth. Pure golden-yellow; early flowering; 2½ feet.

Nanum Luteum. Very erect, strong branching habit; large pure yellow flowers; 3 feet.

Riverton Beauty. Rich lemon-yellow, with large purplish-black cone; August and September; 4 feet.

Riverton Gem. Old gold, changing to Wallflower red; August and September; 3½ feet.

30c. each; $3.00 per doz.; $20.00 per 100.

*HELIANTHEMUM (Rock or Sun Rose)

Perry's Hybrids. Low growing evergreen plants, forming broad clumps, which during their flowering season, July to September, are hidden by a mass of bloom. Very suitable for the front of the border, the rockery or a dry sunny bank. 30c. each; $3.00 per doz.; $20.00 per 100

HELIANTHUS (Hardy Sunflower)

Very effective in borders, among shrubbery or as clumps on the lawn, etc. They produce masses of flowers during Summer until frost, which are splendid for cutting and decorative purposes.

Maximiliana. The latest of all, blooming profusely in October; the fine golden-yellow flowers appear in long, graceful sprays; splendid for cutting; 5 to 7 feet.

Multiflorus Fl. Pl. Large, double golden-yellow; July-August; 4 feet.

Orgyalis. A tall variety bearing single yellow flowers of medium size during September; 6 feet.

Rigidus Japonicus. One of the most desirable varieties, beginning to bloom early in July and continuing until Fall; flowers golden-yellow with dark center; 5 feet.

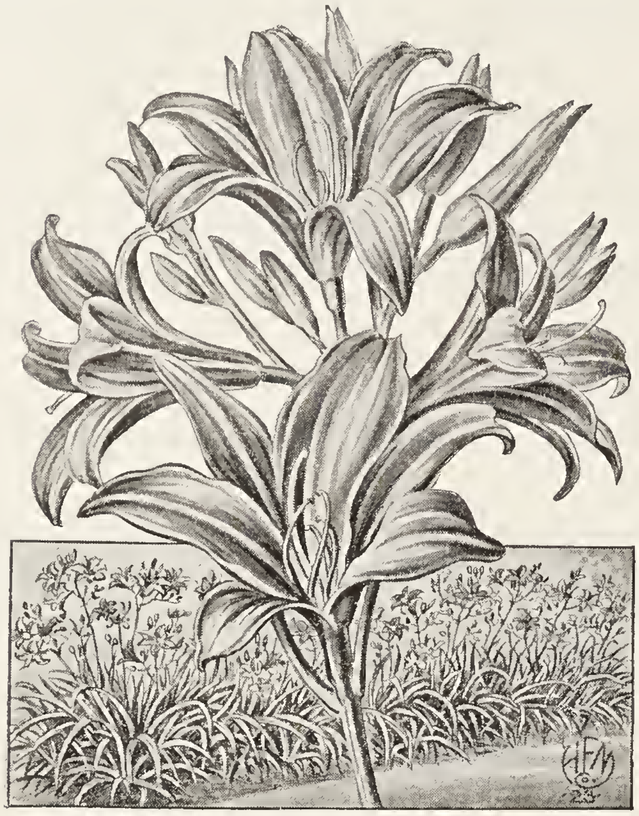
25c. each; $2.50 per doz.; per 100, $15.00.

CHRYSANTHEMUMS make a wonderful Autumn showing; see pages 110 and 111 (wn)

Plants marked * are suitable for the rock garden

HELLEBORUS NIGER (Christmas Rose)

Particularly valuable hardy plants on account of their very early flowering, usually coming into bloom, in sheltered, well drained, partially shaded positions during February or March. Flowers white flushed with purple and about 2 inches in diameter; 12 inches high. $1.00 each.



Hemerocallis

HELIOPSIS (Orange Sunflower)

This genus is very similar to the Helianthus. They are tall-growing plants, well suited for the back of flower borders, where they flower beautifully throughout the Summer.

Pitcheriana. One of the best hardy plants for the perennial border. Daisy-shaped flowers of deep orange color, on good stems for cutting. 2 to 3 feet.

Scabra Excelsa. A variety with very rich chrome-yellow flowers, almost double, having from 4 to 5 rows of petals, and are produced very profusely. The plant is of robust growth, about 3 feet high. Mid-July to the end of August.
25c. each; $2.50 per doz.; $15.00 per 100.

*HEUCHERA (Alum Root or Coral Bells)

Rain of Fire. Graceful, rich crimson, bell-like flowers on charming loose spikes, 18 inches high; fine for cutting. The outstanding Heuchera. 50c. each; $5.00 per doz.

Brizoides. Of the same habit as Sanguinea but with pale pink flowers and more free flowering.

Cascade. Light pink flowers; Begonia-like foliage.

Edge Hall. Flesh pink bells.

Sanguinea. Bright crimson flowers, borne in graceful sprays; excellent for cutting.
30c. each; $3.00 per doz.; per 100, $20.00.

HIBISCUS (Mallow)

Giant Flowering. A wonderfully improved form of our greatly admired Marsh Mallows. They are unusually attractive and form real show plants during their flowering season. They attain a height of 6 to 7 feet, have beautiful laciniated foliage and monstrous flowers, measuring from 6 to 8 inches in diameter. We offer these in separate colors, Pink, Red and White. 30c. each; $3.00 per doz.; per 100, $20.00.

HIERACEUM

Villosum. Silvery wooly leaves and bright yellow flowers; a very effective plant. 25c. each; $2.50 per doz.

HEMEROCALLIS (Yellow Day Lily)

Lily-like plants, flowering in great profusion during the Summer, making a fine cut bloom.

Dr. Regel. Handsome, rich orange-yellow flowers in May. Very fragrant and fine for cutting.

Flava (*Yellow Day Lily*). Deep lemon-yellow flowers during June and July; very fragrant; 2½ to 3 feet.

Fulva (*Tawny Day Lily*). Trumpet-shaped flowers; coppery orange shaded crimson; June and July.

Kwanso Flore Pleno (*Double*). Coppery red; July; 3 feet high.
30c. each; $2.75 per doz.; per 100, $18.00.

THE NEW HYBRID
HEMEROCALLIS

Anna Betscher. Round, deep canary-yellow flowers. Dwarf and late.

Goldeni. The many fine deep orange flowers are produced freely in early July; quite vigorous in growth and a most effective garden variety; 3 feet.

Gypsy. Brilliant deep orange flowers on 3-foot slender stems during July. A showy plant for the small border.

H. D. Wyman. A strong growing variety with deep orange flowers, produced on erect stems. Comes into flower the early part of July; excellent for cutting.

J. A. Crawford. The flowers are of splendid size and a brilliant combination of apricot and cadmium-yellow; they are borne on 4-foot stems the latter part of June and early July. One of the best.

Mrs. W. H. Wyman. Lovely light yellow flowers on 4-foot stems in August. Very free flowering and lasting a long time.

Sunkist. A gorgeous flower of a beautiful shade of orange, on stems 3 feet in height. A two year old plant will often produce from 6 to 10 stalks, each bearing from 10 to 15 flowers.
Price, any of the above, 75c. each.

HOLLYHOCKS (Double)

These thrive best in soil that is not too wet, which should be enriched with well-rotted stable or sheep manure. While perfectly hardy, we recommend protecting them slightly during the Winter with leaves, long manure or straw. To guard against fungus or rust we recommend spraying the plants in early Spring with Pyrox or Bordeaux Mixture.

Our strain of these is very fine, and we offer the following colors in double flowering only (each separate):

Yellow, Crimson, Pink, White.

Allegheny. Large flowers having loosely arranged fringed petals, varying in color from pale pink to deep red. We can supply these in mixed colors only.

Single. The artistic single Hollyhock is becoming more popular each season. They are of stronger growth than the double flowering type and consequently make a better showing. We can supply these in mixed colors only.
Price of Hollyhocks, 25c. each; $2.50 per doz.; per 100, $15.00.

HYPERICUM (St. John's Wort)

Moserianum. A most desirable border plant, of free and graceful habit, producing long, slender, much-branched stems, leafy to the base and all drooping towards the ends, apparently from the weight of the flowers and buds, although the flowers face, so none of their beauty is lost. Free-flowering, of large size, measuring from 2 to 2½ inches in diameter; color rich golden yellow. 2 feet.

Patulum Henryi. One of the newer varieties of St. John's Wort, of shrubby habit, growing from 2 to 3 feet high, producing masses of large clear yellow flowers during July and August and retaining its neat foliage until late in the Autumn.

— **Grandiflorum.** A very vigorous growing introduction from China with large broad petalled flowers of a bright yellow.
30c. each; $3.00 per doz.; per 100, $20.00.

Hardy Primroses make one of the bright spots in the early Spring garden. See page 122A (wn)
Plants marked * are suitable for the rock garden

Iris Germanica

IRIS GERMANICA (Fleur de Lis)

SUPERB NEW AND RARE VARIETIES

Asia. Standards pale silvery lavender, suffused yellow and gold at the base; falls pale reddish purple, lighter at the margin; beard bright golden-yellow; 4½ feet. 50c. each.

Canopus. Standards light purple, arched; falls velvety prune purple. Very free flowering; 3 feet. 50c. each.

Gold Imperial. Chrome yellow throughout except for orange beard; 33 inches. 50c. each.

Imperator. Standards clear violet; falls deep velvety rose red; 40 inches. 35c. each.

Moonlight. Warm French gray, tinted blue, touched with green and yellow lights, broad lemon-yellow beard; scented; 36 inches. 50c. each.

Morning Splendor. An exceedingly large deep claret-red of wonderful form and substance; 42 inches. 50c. each.

Pioneer. Standards are large and incurved, bright red-purple; falls are very broad, of a deep, glowing red-purple, set off by bright orange beard; 3½ feet. 50c. each.

Prospero. Standards pale lavender flushed with yellow; falls deep ruby-purple. 35c. each.

Susan Bliss. A uniform shade of deep rose-pink. The flower is exquisitely shaped and of splendid substance, opening 3 or 4 at a time; 3½ feet. 35c. each.

Tropic Seas. A very deep blue-purple, illuminated conspicuously by a rich golden beard; 50 inches. 50c. each.

True Charm. Blooms white with margins delicately etched with blue-lavender; 40 inches. 50c. each.

Wild Rose. An adorable pink, having a smooth, satiny texture. 35c. each.

*IRIS, PUMILA HYBRIDA

An early flowering type growing from 10 to 12 inches high.

Butterfly. Pale yellow, spotted brown. 8 inches.

Cyanea. Rich royal purple.

Dixmude. Uniform deep blue, large flowers. 10 inches.

Floribunda. Creamy-yellow.

Florida. Very large, pale creamy-yellow. 10 inches.

Schneekuppe. Pure white.

25c. each; $2.50 per doz.; per 100, $15.00.

IRIS GERMANICA (Fleur de Lis, Flags)

CHOICE STANDARD VARIETIES

Afterglow. Misty lavender lit with yellow at the center. Its name fits it perfectly as it has the soft tints of the evening sky after the sun has disappeared; 3 to 5 feet.

Alcazar. Standards light bluish violet; falls deep purple, bronze veined at the throat.

Ambassadeur. Overlapping standards dull purplish bronze; lovely flaring falls, deep velvety maroon; beard and styles yellow; 4 feet.

B. Y. Morrison. Standards pale lavender-violet; falls velvety raisin purple with broad lavender border, very distinct; 33 inches.

Colonel Candelot. Standards bronze overlaid with red lavender; falls rich velvety crimson, yellow beard.

Crusader. Standards light blue; falls deep violet blue with orange-yellow beard; 42 inches.

Dream. A clear, even pink, a delicate and beautiful Iris; 3 feet.

Lent A. Williamson. Standards lavender violet; falls velvety pansy purple, brilliant orange beard. Massive flowers of wonderful texture.

Lord of June. Standards lavender blue; falls rich violet blue. Fine fragrance.

Magnifica. Standards light violet blue; falls dark reddish-violet with brown stripes at base; 4 feet.

Medrano. Rich rose purple, the falls encrusted with dark maroon, flecked with buff and lavender.

Monsignor. Standards satiny violet; falls velvety purple crimson, with lighter margin; very large flower.

Mother of Pearl. Pale bluish lavender of exceptional substance and texture; 4 feet.

Nibelungen. Standards fawn yellow; falls violet purple with fawn margin; a handsome, large flowering variety.

Opera. Standards reddish lilac; falls purple violet, dark and velvety.

Pallida Dalmatica. Standards and falls clear lavender blue shading to pale silvery blue at the base; sweetly scented.

Powhatan. Standards light bishop violet with deeper border; falls deep purple, shaded crimson; horizontal spreading flower.

Queen Caterina. A large iridescent pale lavender violet with yellow beard; 3 feet.

Seminole. Standards dark violet-rose; falls rich velvety crimson; brilliant orange beard; 2 feet.

Shekinah. Soft lemon yellow deepening to rich yellow around its bright orange beard; 3 feet.

Souv. de Mme. Gaudichau. A brilliant velvety black purple. Free blooming; 40 inches.

Taj Mahal. A very fine white having a smooth, lustrous texture; 3 feet.

White Knight. A beautiful pure white Iris of fine form and delicately scented.

Wyomissing. Standards creamy white, suffused soft rose; falls deep rose base, shading to flesh colored border.

Price, any of the above Iris, 25c. each; $2.50 per doz.; per 100, $15.00.

Mixed German Iris. 15c. each; $1.50 per doz.; per 100, $10.00.

*IRIS CRISTATA (Crested Dwarf Iris)

A tiny native species growing from 4 to 6 inches high, with delicate, pale lilac flowers in May and June.

IRIS, INTERMEDIA

These bloom earlier than Iris Germanica.

Florentina. Very early, large, nearly pure white flowers; delightfully sweet scented. 30 inches.

Heige. Standards creamy-yellow, falls deeper, veined yellow.

Kharput. Standards violet; falls deep purple violet, very long; beard white, very large flower. 30 inches.

Kochii. Standards and falls rich claret-purple. Early, compact and handsome. 24 inches.

Spectabilis. Violet-purple, very free flowering.

Walhalla. Standards lavender-blue; falls urne-red; immense flower. 30 inches.

IRIS SIBIRICA

Emperor. Rich, violet-blue. 3 feet.

Snow Queen. Pure white.

Sibirica Perry's Blue. A recent introduction, with very large, clear blue flowers on long stems.

Price of Iris Cristata, Intermedia and Sibirica, 25c. each; $2.50 per doz.; per 100, $15.00.

Plant liberally of Iris at these new low prices
Plants marked * are suitable for the rock garden

(wn)

IRIS KAEMPFERI (Japanese Iris)

The King of all Iris and in popularity they can be classed with the hardy Phlox and Peonies; coming into flower about the middle of June, they continue for five or six weeks and are particularly welcome at this time. They succeed in almost any soil and like plenty of water when forming their flower buds.

SIX NEW JAPANESE IRIS

These six varieties were selected from fifty new varieties, recently purchased for trial and were selected for their outstanding qualities.

Kumo-no-obi. Bright clear lilac with distinct rays of white surrounding the golden throat; pure white standards tipped purple.

La Favorite. Fine large double white, veined blue with a rich purple center.

Mrs. J. A. Hayden. White ground, edged and shaded pale violet; double.

Norma. A very charming double variety, the petals being well spaced and the color a beautiful lavender-pink with clear blue halo.

Plume. White, lightly veined blue; high center petals delicate mauve and blue.

Rose Anna. Double; ivory-white with heavy ruby-red veins and conspicuous yellow blotch, stigmas dark plum.

Price of any of the above new varieties, 50c. each; per doz., $5.00.

CHOICE STANDARD VARIETIES

Astarte. Double; beautiful dark violet.

Circe. Double; dark violet-blue, delicately veined with white.

Eleanor Parry. Double; claret-red flamed white and blue. Compact, medium size.

Eumee. Single; deep violet-blue.

Gekka-No-Nami. The best early white, very free; pure glistening white with creamy center.

Gold Bound. A fine double pure white, enriched by a creamy glow from the gold banded center.

Helene. Double; blue ground, slightly veined with dark blue.

Hercules. Double; clear lilac-blue.

Iphigenie. Double, deep Chinese lilac.

Kuma Fungin (*Excited Bear*). Falls purple-blue, stigmas lighter, long orange bars, six petals, very tall grower.

Mahogany. Large double flowers; the latest to bloom; color, purple mahogany-red, the erect petals being prettily crested.

Melpomene. Double; soft blue distinctly veined with dark blue.

Mount Hood. Double; light blue shaded darker, bright orange center.

Patrocle. Single, superb deep reddish-violet.

Proserpine. Single, bright rich blue, produced by sanding of velvety blue on white.

Purple and Gold. Enormous double flowers, ten inches across; early and free blooming; color, rich violet purple with white petaloids, tipped violet; the conspicuous golden throat extends outward in sharp bluish white rays.

Reine de Bulgarie. Soft lilac, lemon yellow throat; very good.

Ski-No-Ryo. Double, blue and white.

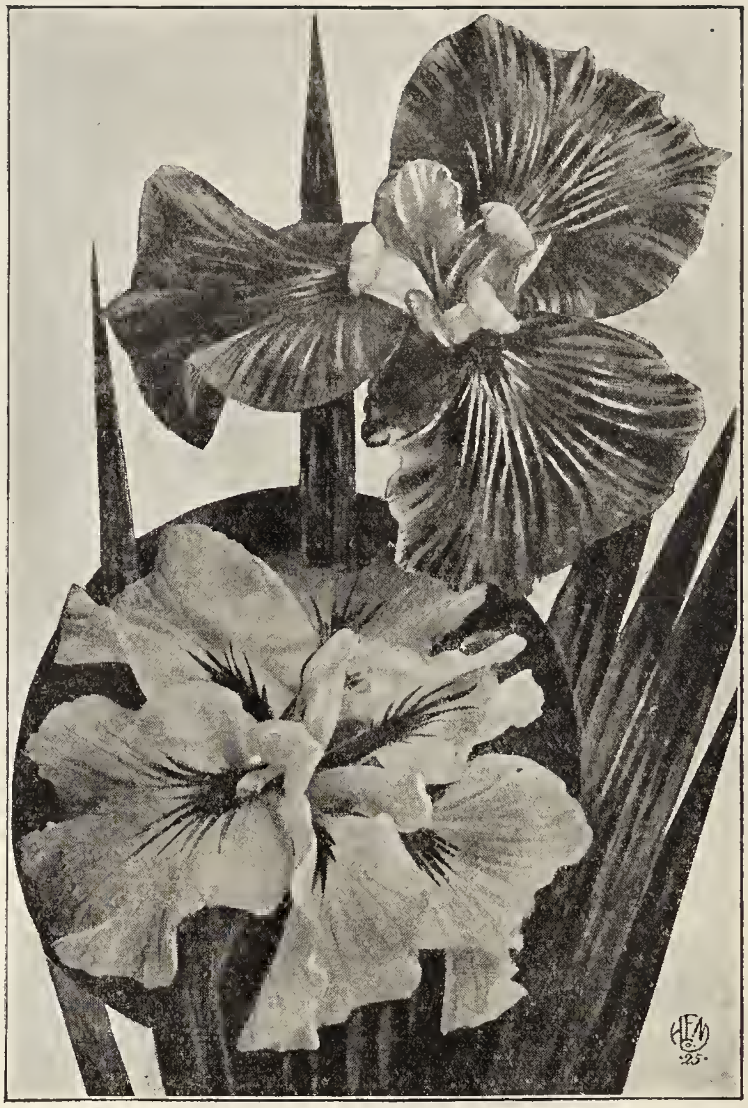
Templeton. Double; light violet, mottled reddish-pink and white. Very fine form.

Uchiu. Double flowers of the largest size, beautiful blue with golden center.

Victor. Double; silvery white, traced and marbled ultramarine blue.

Price, any of the above named sorts of Japanese Iris, 35c. each; $3.50 per doz.; per 100, $25.00.

Mixed Japanese Iris. All colors and shades. 25c. each; $2.50 per doz.; per 100, $15.00.



Iris Kaempferi

*IBERIS (Hardy Candytuft)

The Hardy Candytufts are low-growing plants, with evergreen foliage. In Spring and early Summer they are completely covered with dense heads of pure white flowers. For borders and rockeries they are unsurpassed.

Sempervirens. Dwarf; pure white flowers in June; its uniform neat habit makes it one of our best rock or edging plants.

— **Snowflake.** Grows 6 to 8 inches high with large pure white flowers borne in great masses in May and June.

30c. each; $3.00 per doz.; per 100, $20.00.

INCARVILLEA (Trumpet Flower)

Fleshy rooted perennials of striking beauty. They have coarsely toothed or pinnate leaves and showy trumpet-shaped flowers borne in terminal racemes. Choice plants for the sunny border; should be well protected with leaves during the Winter.

Delavayi. Large Gloxinia-like, rose-colored flowers during June and July. 35c. each; $3.50 per dozen.

LAVENDULA (Lavender)

Vera. This is the true Sweet Lavender; grows about 18 inches high; delightfully fragrant blue flowers in July and August.

30c. each; $3.00 per doz.; $20.00 per 100.

LIATRIS (Blazing Star, or Gay Feather)

Pycnostachya. Showy and attractive native plants, succeeding anywhere, producing spikes of light rosy-purple flowers in July and August; 5 feet.

Scariosa (*Early type*). Deep purple flowers; 3 to 4 feet.

Scariosa (*Late type*). Similar to the above but flowers much later. September.

25c. each; $2.50 per doz.; per 100, $15.00.

The early flowering Iris of the Pumila and Intermedia types are a lovely addition to the early Spring Garden (wn)

LILY OF THE VALLEY

Bundles or Clumps. For outdoor planting only. Bundles contain 12 good size pips, with good root growth, all of which will flower with the proper care. They are especially imported from abroad, the best of the stock being selected for us. 50c. per bundle; doz. bundles, $5.00; $40.00 per 100 bundles.

*LITHOSPERMUM (Gromwell)

Prostratum, Heavenly Blue. This delightful Alpine shrublet produces mats of dark green and many flowers of sky blue during Spring and early Summer, often again in the Fall. Does best with a little afternoon shade. Use plenty of leaf mould and sand. 75c. each; $7.50 per doz.

LINUM (Flax)

Perenne. A desirable plant for the hardy border or rockery; light graceful foliage and large blue flowers all Summer. 25c. each; $2.50 per doz.; per 100, $15.00.

New English Lupins

NEW ENGLISH HYBRID LUPINUS

Truly a wonderful innovation of Lupins. These New English Hybrids created the most flattering comment in England and was awarded Gold Medals at all Exhibitions. We offer these in five distinct color groups, selected from named varieties.

Group A.	Bronze, apricot, yellow, orange.
Group B.	Rose, pink, flesh, buff.
Group C.	Purple and mahogany.
Group D.	Blue and lavender.
Group E.	Cream, white.

Price of any of the above, 50c. each; doz., $5.00.

LUPINUS (Lupins)

These flower in May and June; are 3 to 4 feet high.

Polyphyllus Blue. Very showy.
Polyphyllus White.
Polyphyllus Pink.
30c. each; $3.00 per doz.; per 100, $20.00.

LOBELIA

Handsome border plants thriving in any good garden soil but preferring a moist loam where they will not suffer from drought.

Cardinalis (*Cardinal Flower*). Rich fiery cardinal flowers.

Syphilitica (*Great Lobelia*). A choice selection of our native Lobelia with large spikes of blue flowers; July to September. 2 to 3 feet.

30c. each; $2.75 per doz.; $18.00 per 100.

LYCHNIS (Campion)

All of the Lychnis are of the easiest culture, thriving in any soil and this, in addition to their brightness, has brought them into high favor with lovers of hardy plants.

Chalcedonica. A most desirable plant; heads of brilliant orange-scarlet flowers in June and July; grows 2 to 3 feet high.

Haageana Hybrids. Brilliant, large, orange, scarlet, pink and crimson flowers in mixture; 1 foot; July.

Viscaria Splendens, Fl. Pl. Forms a dense tuft of evergreen foliage, and in June sends up spikes of handsome deep red flowers; 1 foot.

30c. each; $2.75 per doz.; $18.00 per 100.

LYSIMACHIA

Clethroides (*Loose-strife*). A fine hardy variety about 2 feet high; dense, recurved spikes of white flowers from July to September.

***Nummularia** (*Creeping Jenny, or Honey-wort*). Valuable for planting under trees or shrubs where grass will not grow, where it quickly forms a dense carpet.

25c. each; $2.50 per doz.; per 100, $15.00.

LYTHRUM

Roseum Superbum (*Rose Loose-strife*). A strong growing plant, thriving in almost any position, large spikes of rose colored flowers from July to September. Grows 3 to 4 feet high. 25c. each; $2.50 per doz.; per 100, $15.00.

MATRICARIA (Feverfew)

Little Gem. Pure white, double flowers, splendid for cutting, flowering July and August; height, 12 inches. 25c. each; $2.50 per doz.; per 100, $15.00.

*MAZUS RUGOSUS

Loose trailing masses of blue and white flowers, speckled with gold in the throat. Splendid for flagging and carpeting. 25c. each; $2.50 per doz.; per 100, $15.00.

MERTENSIA (Blue Bells)

Virginica. An early Spring flowering plant growing 1 to 1½ feet high with drooping panicles of handsome light blue flowers fading to clear pink; May and June. 25c. each; $2.50 per doz.; per 100, $15.00.

MONARDA (Bergamot)

Didyma Cambridge Scarlet (*Oswego Tea*). Crimson scarlet.

— Rosea (*Bee Balm*). Flowers of a rose color, and sweetly fragrant foliage; 18 inches; July to September.

25c. each; $2.50 per doz.; per 100, $15.00.

*MYOSOTIS (Forget-me-not)

These are most effective when intermingled with Pansies, English Daisies or amongst Summer-flowering perennials.

Palustris Semperflorens (*Perpetual Flowering Forget-me-not*). Blue with yellow throat; damp places; spread rapidly. 9 inches.

25c. each; $2.50 per doz.; per 100, $15.00.

*NEPETA

Mussini. An excellent plant for rock gardens, being a compact grower and forming tufts of small violet-blue flowers during July and August.

Souv. de Chaudron. Large, rich, lilac-blue flowers from June to September; 1 foot.

25c. each; per doz., $2.50; $15.00 per 100.

*NIEREMBERGIA (Cup Flower)

Rivularis. A lovely dwarf creeping plant, with large cup-shaped flowers, from June until September. Excellent for the rockery.

30c. each; $2.75 per doz.; $18.00 per 100.

OENOTHERA (Evening Primrose)

The evening Primroses are elegant subjects for growing in a sunny position, blooming the greater part of the Summer.

Missouriensis. Large golden-yellow. 1 foot.

Youngi. Bright yellow flowers; 18 inches.

30c. each; $2.75 per doz.; $18.00 per 100.

Tree Peonies make a wonderful showing in the early Spring; see page 121 (wn)

MICHELL'S GIANT FLOWERING PEONIES

Next to Roses these are the most popular June flowers, and justly so, for they lend themselves to almost any style of planting, while for the little care required they give a variety of color and wealth of bloom unequalled by any other plant. Their requirements are few; they will succeed in any good garden soil in an open sunny position. Care should be taken, however, to keep all fresh manure away from the roots—if barnyard manure is used it must be thoroughly decomposed—if you are unable to procure this, Bone Meal makes a good fertilizer. Peonies may be planted any time after September 1st until the ground freezes in the Autumn, and in the early Spring until the season is too far advanced; the best time, however, is during September and October, as they make roots during the moist cool weather of the Autumn and consequently carry through the Winter in better shape. The roots should be set so that the top or upper eyes are about two or not more than three inches below the level of the soil; do not set the roots flat, but stand them up. For the best results Peonies should be planted from three to four feet apart each way, according to the space at your disposal; the ground around them should be well cultivated at all times and in the Spring after growth starts they should have an abundance of water if the season is at all dry. When cutting the flowers always leave one or two bottom leaves; it is best to leave a few flowers on the plant also, as it is of vital importance that sufficient foliage be left to develop the eyes under the ground for next season's growth. Newly planted roots may not develop a characteristic flower the first season, in fact it is usually not until the third year that perfect flowers true to description will be produced. Peonies are seldom troubled with any disease or insect pests; ants sometimes appear on the buds, coming to gather a sweet gum which the bud exudes while developing; they will do no harm and will disappear when the flower opens.

Adolph Rosseau. Early midseason. Very tall, strong grower with erect, stiff stems and large perfectly formed flowers, dark velvety red with garnet hues and a distinct metallic reflex. Semi-double type. 75c. each.

Albert Crousse. Bomb type. Large, well-formed flowers of soft shell pink with faint salmon tints. Vigorous grower with tall, erect stems. Late. 50c. each.

Baroness Schroeder. Rose type. Flesh white fading to milk white. Immense globular flowers of perfect form, of great lasting substance, ideal for cutting. Does fine in southern localities. Late midseason. 75c. each.

Chestine Gowdy. Crown type; late midseason. The broad outer petals are silvery pink, these enclose a zone of fine irregularly shaped petals of deep rich cream, which in turn surround a prominent cone of broad pink petals splashed and tipped crimson. 50c. each.

Couronne d'Or. Semi-rose type; late. Immense, very full imbricated flat flowers. Solid and compactly built; pure white with a ring of yellow stamens around a tuft of center petals tipped carmine. 50c. each.

Edulis Superba. Crown type; very early. Beautiful bright, clear mauve-pink with silvery reflex. Decoration Day Peony. 50c. each.

Elwood Pleas. Erect compact grower of medium height. Color uniform soft violet-rose, delicately shading to lilac white. Unusually large, the form of flower flat and compact; rose type. 50c. each.

Eugene Verdier. Crown type. Beautiful cup-shaped flowers, flesh-pink with collar shaded yellow and salmon, with outer guard petals lilac-white; fragrant. Rather a dwarf grower, but very upright. Blooms in late midseason, but the buds always open well. 50c. each.

Felix Crousse. Rose type; late midseason. Rich, dazzling ruby-red without a tinge of purple, none better. 50c. each.

Festiva Maxima. Rose type, early. The finest white in existence; pure white with clear carmine spot on edge of center petal. 50c. each.

Germaine Bigot. Crown type. Very large compact flower, composed of broad petals. Color lilac-rose; medium tall stems; very free. Midseason. 50c. each.

Karl Rosenfield. Semi-rose type; midseason. Very large globular compact flower. Rich dark crimson in color. Very strong, tall, compact grower and free bloomer. 75c. each.

La Tendresse. Rose type. Very full large flowers borne in clusters. Color, milk-white, sometimes splashed with carmine. Midseason. 50c. each.

Mme. Emile Lemoine. Semi-rose type. Large, globular, compact flower. Color on first opening glossy-white overlaid with minute lilac dots. Very beautiful and one of the finest white varieties. Midseason. 75c. each.

Marie Jacquin. Large globular semi-double flowers, but coming single on young plants, the laterals blooming about the same time as the terminal flowers. Color, glossy rose-white; blooms in midseason. Sometimes called the "Water Lily Peony" on account of the pleasing cupped form. 75c. each.

Peony, Baroness Schroeder

Mons. Jules Elie. Bomb type. Very large flower of ideal glossy shell-pink, shading to a deeper rose at the base, the entire flower overlaid with a sheen of silver; fragrant. Medium height, prolific bloomer. Early midseason. 75c. each.

Suzette. Semi-rose type; midseason. Bengal-rose lightly shaded carmine purple with silvery reflex. Strong stems. 75c. each.

Venus. Pale hydrangea-pink, collar lighter, fragrance fine. Exquisite pointed buds opening into large compact flowers, very fragrant. Midseason. 50c. each.

PEONIES IN COLOR

We can supply good strong roots in separate colors, or all colors mixed, at prices quoted below. These should not be compared to the cheap mixtures sometimes offered at a low price, as they are for the most part choice varieties from which the labels have been lost, or have been mixed in planting. Some very choice Peonies will be found in these mixtures.

	Each	Doz.	100
Double Pink	$0.35	$3.50	$25.00
Double Red	.35	3.50	25.00
Double White	.35	3.50	25.00

Oriental Poppies for a Spring showing are unexcelled, see page 122A

Tree Peony

TREE PEONIES

Tree Peonies are similar to other Peonies, except that blooms are more vivid in color, usually much larger and in many varieties the flowers are beautifully crinkled like crepe paper. They bloom from two to three weeks earlier than other Peonies. The plants do not resemble those of other Peonies but are finer rooted and woody branched, like shrubs, hence their name, "Tree Peonies." The branch tips die back slightly in Winter, but the plants gradually grow into bushes from 3 to 5 feet in height. Freezing of branch tips in no way injures or interferes with bloom, for new shoots sprout rapidly in the Spring, frequently from the roots and produce flowers immediately. Mature plants produce scores and even hundreds of blooms.

Culture.—Tree Peonies are scarce because it is difficult to propagate them, but once established, they are as hardy as Lilacs. During the first Winter after planting, a mulch of clean straw or hay should be placed around them, 4 to 5 inches deep, after the ground is frozen; this prevents heaving in the Spring. South and East exposures (in front of walls, foundations, hedges, etc.), are preferred locations in severe climates. An ideal location is where they are protected from direct rays of morning sun and extreme heat of afternoon sun. Any good garden soil will do, feed with bone meal or other good fertilizer but do not use stable manure, keep well cultivated and watered. Plant one inch deeper than they were in the Nursery row. Since they bloom in early Spring the plants, when in bud, should be covered at night in case of late frosts.

Akashi-Gata. Semi-double; salmon. $5.00 each.

Banksii. Double pink with darker shades. $5.00 each.

Haku-Raku-Ten. Semi-double, pure white. $5.00 each.

Iro-No-Seki. Semi-double, shell pink. $5.00 each.

Iwato-Kagami. Double, clear pink. $5.00 each.

Moutan (*The Wild Tree Peony of Thibet*). Single red. $5.00 each.

Mixed. We have a nice lot of 8- to 10-inch 2-year-old plants, grown from a famous collection, which we offer in mixed colors only, at $4.00 each.

PACHYSANDRA

An evergreen trailing plant, with thick, glossy foliage forming a dense mat; one of the finest ground covers.

Terminalis. Green; 6 to 8 inches high; small flower spikes of a grayish white, in May and June.

Strong plants from 2¼-inch pots, 15c. each; $1.50 per doz.; per 100, $10.00; $90.00 per 1000.

Strong plants from 3-inch pots, 25c. each; $2.50 per doz.; per 100, $15.00; $125.00 per 1000.

PARDANTHUS (Blackberry Lily)

Chinensis. Bright orange, Lily-like flowers during July and August, followed in September by seeds which resemble Blackberries; 2½ feet. 25c. each; $2.50 per doz.; per 100, $15.00.

PENTSTEMON (Beard Tongue)

Barbatus Torreyi. Spikes of brilliant scarlet flowers; height, 3 to 4 feet; June to August.

Coral Gem. Large spikes of coral-pink flowers.

Digitalis. Large spikes of long purple-white flowers with purple throats, during June and July. 2 to 3 feet.

Gloxinoides, Sensation. A beautiful strain bearing spikes of large Gloxinia-like flowers in a great variety of bright colors, including rose, cherry, crimson, purple, lilac, etc. The plants grow 2 feet high and bloom from early Summer till frost.

Praecox Hybrids. Somewhat similar to the variety Barbatus Torreyi but with flowers about twice the size and in a great variety of colors, ranging from pale lilac to purple and from very pale pink to almost red. A wonderful cut flower.
Price, 25c. each; $2.50 per doz.; per 100, $15.00.

PHYSALIS (Chinese Lantern Plant)

Francheti. An ornamental variety of the Winter Cherry, forming dense bushes, about 2 feet high, producing freely its bright orange scarlet lantern-like fruits; highly interesting. 25c. each; $2.50 per doz.; per 100, $15.00.

PHYSOSTEGIA (False Dragon-Head)

One of the most beautiful of our Midsummer flowering perennials, forming dense bushes 4 to 6 feet high, bearing spikes of delicate tubular flowers, not unlike a gigantic heather.

Grandiflora Vivid. A new variety growing from 18 to 24 inches high, bearing a profusion of bright violet-mauve flowers.

Virginica. Bright but soft pink.

— Alba. Pure white; very fine.
25c. each; $2.50 per doz.; per 100, $15.00.

PINKS, HARDY GARDEN

*(Dianthus Plumarius)

These old-fashioned favorites, bearing their clove-scented flowers during the Spring and early Summer, are splendid cut blooms.

Her Majesty. A splendid fringed pure white.

Homer. Rosy-red with dark center.

Juliette. White laced crimson.

Variegated Reserve. White laced with crimson, everblooming.

White Reserve. An everblooming variety, double pure white.
25c. each; $2.50 per doz.; $15.00 per 100.

Hardy Phlox, Miss Lingard

MICHELL'S SUPERB HARDY PHLOXES

Antonin Mercie. Delicate lavender, suffused bluish lilac.

Baron von Dedem. Deep pink, suffused orange; immense trusses.

Beacon. Brilliant cherry-red flowers on straight, strong stems; an excellent variety and one of the best of its color; 36 inches.

B. Comte. Brilliant rich French purple.

Commander. Brilliant crimson-red with darker eye.

Deutschland. The brightest red Phlox ever introduced; a brilliant red with crimson eye.

Eclaireur. Brilliant rose-magenta, with lighter halo.

Enchantress. Bright salmon-pink, vigorous grower.

Firebrand. Bright vermilion scarlet with deeper center, large trusses, strong grower.

Jules Sandeau. Dwarf; very large flowering; pure pink; extra fine variety.

Mrs. Jenkins. The best pure white.

Mrs. Milly Van Hoboken. Enormous trusses of bright pink flowers; very showy and outstanding.

Painted Lady. Silver pink with salmon shadings and cherry red eye. A strong upright grower with large masses of flowers; one of the most delicately colored and pleasing of the hardy Phlox.

Rheinlander. Deep salmon pink, with a distinct bright red eye.

Rheinstrom. A splendid new Phlox with gigantic flowers of a bright pink. Quite tall; continues in bloom till frost.

Thor. Deep salmon pink, suffused with scarlet; a white halo surrounds the aniline red eye.

Price of all varieties Hardy Phloxes, extra strong roots which will flower the first season, 25c. each; $2.50 per doz.; per 100, $15.00.

PERENNIAL GARDENS

By H. S. Ortloff

Tells how and where to use perennials Suggestions and valuable ideas for home plots of every size and situation.

88 pages. Price, $1.25.

NEW HARDY PHLOX

Columbia. See color plate opposite.

Count Zeppelin. Very large white with deep crimson eye, an improvement on Europa; a strong grower with no fading or suffusion of the colors; the best of the calico type.

Daily Sketch. Extra large trusses and individual flowers; in color a light salmon-pink with very faint carmine eye. An outstanding variety.

Gustave Lind. A dwarf variety; sharp salmon red in color; a bright Phlox for the rock garden; free bloomer. 1½ to 2 feet.

Leo Schlageter. One of the very best of red Phloxes. Strong healthy grower with well branched pyramidal clusters of large individual flowers. Color bright carmine-scarlet with slightly darker center. Resistant to rain and heat.

Morgenrood. A very distinct variety, producing large clusters of flowers; color bright rose with a deeper eye. Strong grower. 2½ to 3 feet.

Wm. Kesserling. Very large individual flowers of a rather intense violet, with a distinct white eye. Medium height; excellent grower and free bloomer.

50c. each; $5.00 per doz.

*PHLOX SUBULATA

Alba (*Moss Pink*). Moss evergreen-like foliage, tucking close to the ground and covered completely with white star-like flowers in May.

Apple Blossom. A real addition to the Subulata class. Dwarf, compact grower, covered with a profusion of apple blossom pink flowers.

Atropurpurea. A distinct form of Phlox Subulata; very free flowering; rich French purple in color, very outstanding.

Blue Hill. A uniform compact grower, giving an early and a late Fall crop of deep blue flowers.

Fairy. Pale blue with dark purple eye; a neat compact grower. A very desirable rock plant.

Rosea. The same as above but with pure pink flowers.

Vivid. A new introduction with bright rose-colored flowers.

Price (except where noted), 25c. each; $2.50 per doz.; per 100, $15.00.

MISCELLANEOUS VARIETIES OF PHLOX

***Amoena.** A beautiful plant, with soft rose-colored flowers; one of the best for rockeries or borders; April-May.

Divaricata Canadensis. A patch of these makes a Spring show hard to describe. The large heads of fragrant lavender flowers appear the latter part of April and in May.

Price, 25c. each; $2.50 per doz.; per 100, $15.00.

— **Laphami.** A great improvement over Canadensis, the plant is more robust, the flowers larger and of a more intense shade of lavender-blue. 50c. each; $5.00 per dozen.

PHLOX SUFFRUTICOSA

Miss Lingard. Pure white, with a lilac eye; very early. 25c. each; $2.50 per doz.; per 100, $15.00.

PLATYCODON

(Balloon Flower or Japanese Bell Flower)

The Platycodons are closely allied to the Campanulas, and form neat, branched bushes of upright habit.

Mrs. Ely says of them: "Do best if planted in early Spring. They grow from 2 to 2½ feet high, and after the third season each plant will have from ten to twelve stalks covered with the lovely blue or white blossoms, during July and August."

Grandiflorum. Deep blue cupped, star-shaped flowers.

— **Album.** A white-flowered form of the above.

25c. each; $2.50 per doz.; per 100, $15.00.

THREE OUTSTANDING HARDY PERENNIALS

Phlox—COLUMBIA

PHLOX, COLUMBIA

(Plant Patent No. 118)

The Greatest Phlox Ever Introduced

The color suggests a rich cameo pink with faint blue eye; the color effect created by a well grown plant is exquisite and never before seen in Phlox. The clearness of tone is remarkable, the brilliancy is so pronounced that immediate attention is given to this wonderful plant. The blooms do not fade or lose any of their rich pink tone as the flower ages; there never are any so-called purple tones visible. Out of the leaf joints grow numerous laterals which continue the display of bloom long after the main flower head has disappeared; several weeks longer blooming than is the case with other Phlox is the result. A well grown two-year plant will produce from 6 to 15 flower spikes. The flower spikes are about 2½ feet high, stiff and erect.

Price, 50c. each; 3 for $1.25; $4.50 per doz.

© Dictamnus (Gas Plant)

DICTAMNUS CAUCASICA

(Gas Plant)

The Caucasian Gas Plant is one of the most unique flowers in cultivation. It is not only unique, but handsome and exceedingly long lived. A specimen plant is reported to be over 120 years old and in perfect condition and flowering profusely each spring. From its leaves a healthful tea is brewed. It should be in every herb garden. Few plants equal it for stateliness in the border. The name "Gas Plant" comes from the fact that on a warm, still day you may ignite the gas which is thrown off by the blooms without hurting the flowers in the least. No garden should be without this fine heirloom.

3-year plants, 3 for $1.00; $3.00 per doz.; per 100, $20.00.
5-year plants, 3 for $1.60; $4.50 per doz.; per 100, $35.00.

© Trollius

TROLLIUS (Globe Flower)

A charming, easily grown plant which loves moist soil, where many other plants would not survive. Early in spring from 40 to 50 yellow, globe like flowers are produced, which are very fine for cutting. If you will take the trouble to remove the faded blooms, a succession of flowers may be had practically throughout the entire summer. Trollius look lovely combined with the pale blue German Iris.

Price, 3 for $1.00; $3.00 per doz.; per 100, $20.00.

Oriental Poppy

ORIENTAL POPPIES (Papaver Orientale)

These are the royal representatives of this popular genus, growing about 3 feet high and far surpassing in magnificence of bloom all the other types.

Beauty of Livermore. Crimson with dark blotch.

Jeannie Mawson. Beautiful large flowers of soft rose.

May Sadler. Salmon-pink with black markings.

Mrs. Perry. A soft shade of salmon rose; a beautiful large flower. This variety should be in every garden.

Olympia. A new double variety, in color a brilliant scarlet overlaid with golden-salmon; a most beautiful combination.

Perry's White. Pure satiny white with a bold crimson blotch at the base of each petal.

Royal Scarlet. A large flower of rich orange-red.

Wurttembergia. One of the finest rich orange-red varieties.

30c. each; $2.75 per doz.; $18.00 per 100.

ICELAND POPPIES (Papaver Nudicaule)

The graceful foliage is surmounted with a mass of stems a foot high, which terminate in a beautiful cup-shaped flower.

El Monte. This new variety is a California introduction; very large flowers, strong wiry stems for cutting; mixed colors.

Orange, Yellow, White. Each color separate.

Sanford Giant. Immense flowers on long, strong stems; a beautiful range of colors. Excellent for cutting.

25c. each; $2.50 per doz.; per 100, $15.00.

PULMONARIA (Lungwort)

Angustifolia Azurea. (*Blue Cowslip.*) The prettiest of the blue Cowslips; grows about one foot high and one of the first to bloom in the early Spring. The attractive funnel-shaped flowers are a deep gentian-blue; very desirable. 35c. each; $3.50 per dozen.

*PLUMBAGO (Lead-Wort)

Larpentae. One of the most desirable border and rock plants; it is of dwarf, spreading habit, growing 6 to 8 inches high, covered with deep blue flowers during the Summer and Fall months. 30c. each; $3.00 per doz.; $20.00 per 100.

*PRIMULA (Hardy Primrose)

One of the first of the early Spring flowers. They delight in a rich soil, preferably in a semi-shaded location. Some of the varieties are richly colored, and are worthy of a place in every hardy garden. As a hardy border edging, as well as for rockery planting, it can be highly recommended.

TWO NEW PRIMULAS

Double Lavender. A very free flowering variety, with beautiful double lavender flowers.

Veris, Queen of Heaven Blue. Nice bushy plants, bearing flowers of exceptionally nice blue shades.

50c. each; $5.00 per doz.

Auricula. Relatively rare plants which enjoy moist conditions and some shade. The leathery leaves are particularly attractive and the large round flowers come in appealing shades of many colors, all of them marked with a distinctly clear contrasting eye.

Japonica Hybrids. A fine mixture of colors; rose, white, carmine with yellow center. Very fine for large plantings. Blooms July and August; height about 20 inches.

Veris (*English Cowslip*). A mixture comprising the various shades of red and yellow; a splendid plant for the Spring blooming garden.

Vulgaris (*English Primrose*). Beautiful light canary yellow; long flower stems with trusses.

30c. each; $3.00 per doz.; per 100, $20.00.

Hardy Primroses

PRUNELLA (Self-Heal)

Webbiana. A low growing plant, suitable for a shady spot on the rockery or border; bright pink flowers, produced freely from June to September. 30c. each; $3.00 per doz.

PYRETHRUM HYBRIDUM

A good old-fashioned perennial resembling colored daisies, blooming in June. They will succeed in any good garden soil in a sunny position and do best when left undisturbed for 2 or 3 years, but they should be given an annual top dressing of well-rotted manure.

Single Flowering. Mixed colors only, ranging from pure white to dark red. 25c. each; $2.50 per doz.; per 100, $15.00.

PYRETHRUM (Giant Daisy)

Uliginosum. Grows 3 to 4 feet high and is covered with large white Daisy-like flowers, 3 inches in diameter, from July to September. 25c. each; $2.50 per doz.; per 100, $15.00.

RANUNCULUS (Crowfoot Buttercup)

***Acris Fl. Pl.** A double flowered form of our common buttercup; 2 feet; May and June.

Repens, Fl. Pl. (*Bachelor's Buttons*). A pretty double flowering golden buttercup; masses of flowers during May and June.
25c. each; $2.50 per doz.; per 100, $15.00.

RUDBECKIA (Cone-flower)

Indispensable plants for the hardy border; grow and thrive anywhere, giving a wealth of bloom, which are well suited for cutting.

Golden Glow. A strong, robust grower, attaining a height of 5 to 6 feet, and produces masses of double golden-yellow, Cactus Dahlia-like flowers from July to September.

Newmani. Dark orange-yellow flowers, with deep purple cone; good stiff stems; 3 feet high; July to September.

Purpurea (*Giant Purple Cone-flower*). Flowers about 4 inches across, of a peculiar reddish purple with a remarkably large cone-shaped center of brown; forms bushy plants 3 feet high and blooms from July to October.
25c. each; $2.50 per doz.; per 100, $15.00.

Rudbeckia Purpurea

SANTOLINA (Lavender Cotton)

***Chamaecyparissus Incana.** A dwarf evergreen perennial with attractive, silvery-white foliage; suitable for the border or rockery. 25c. each; $2.50 per doz.; per 100, $15.00.

Scabiosa Caucasica

SCABIOSA

The hardy variety is even more wonderful and of greater beauty than the annual sort, commonly called Mourning Bride. The flowers are gigantic, measuring frequently 3 inches and more in diameter. It delights in a sunny position, and is a cut flower few perennials can equal. It lasts a long while in water; the average height is about 2½ feet. Very free flowering.

Caucasica. A delicate shade of lavender blue, starting in flower in June and lasting well through the Summer.

Caucasica Alba. White. Like the above, except the color.

Caucasica, Giant Blue (*Isaac House Strain*). A splendid improvement in the Caucasica type; flowers larger and with longer stems; colors range from light lavender to dark blue; excellent for cutting.

Columbaria Anthemifolia. A low growing variety, with flowers measuring 2 to 2½ inches across; color a delightful shade of pink; splendid for cutting.
30c. each; $3.00 per doz.; per 100, $20.00.

SALVIA (Meadow-Sage)

Perennials with strikingly beautiful, orchid-like bloom, that make them welcome in the herbaceous border. Leaves are used in medicine and for the kitchen.

Azurea Grandiflora (*Rocky Mountain Sage*). Sky-blue flowers in greatest profusion during August and September; 6 feet.

Pitcheri. Similar to Azurea but of more branching habit and larger flowers of rich Gentian blue; 3 to 4 feet.

Virgata Nemorosa. An interesting plant for the hardy border; flower spikes bear many-flowered whorls of dark blue blossoms
30c. each; $2.75 per doz.; per 100, $18.00

*SAPONARIA (Soap Wort)

Ocymoides Splendens. A good subject for the border or rockery, producing freely masses of bright rose-pink flowers. 25c. each; $2.50 per doz.; per 100, $15.00.

*SAXIFRAGA (Megasea)

Very useful plants, growing about 12 inches high, having broad, deep green foliage and thriving in any soil in almost any position. The pretty rose-pink flowers appear very early in the Spring, almost as soon as the frost is out of the ground.

Cordifolia. Rosy-pink flowers. Extra strong plants. 50c. each; $5.00 per dozen.

Peonies for best results should be planted just as early as the ground can be worked
Plants marked * are suitable for the rock garden

(wn)

Sedum Spectabile, Brilliant

SEDUM (Stonecrop)

*DWARF VARIETIES

Suitable for the rockery and covering of graves, etc.

Acre (*Golden Moss*). Much used for covering graves; has green foliage and bright yellow flowers.

Album. Dark green foliage with pure white flowers in June.

Anglicum. A coral rosette of gray green; delicate pink flowers.

Ibericum. Numerous deep rose flowers among dark green foliage.

Lydium Glaucum. Glaucous green foliage, pink flowers.

Nevii. Compact rosettes of silver gray, close-set into a mosaic, pink flowers in Mid-summer.

Oppositifolium. Pinkish white flowers.

Sieboldi. Round succulent glaucous foliage with bright pink flowers during August and September.

Stahli. A compact growing variety with crimson tinted foliage in Autumn.

ERECT GROWING VARIETIES

Useful and pretty plants for the border, producing their interesting flowers during the late Summer and Fall.

Spectabile. A pretty erect growing variety with broad, light green foliage and immense heads of showy rose colored flowers during the Autumn; 18 inches.

— **"Brilliant."** A rich colored form of the above, being a bright amaranth red.

Prices of any of the above Sedums, 30c. each; $2.75 per doz.; per 100, $18.00.

SENECIO (Groundsel)

Pulcher. Forms a neat tuft of foliage from which springs up, from July to October, a succession of 2-foot-high stems, with clusters of brilliant, rosy purple flowers, of good size. 30c. each; $2.75 per doz.; per 100, $18.00.

SIDALCEA

Mr. Lindberg (*New*). Flowers are a deep ruby-red; 2 feet; June and July.

Rose Queen. Bright rose-colored, mallow-like flowers during June and July.

30c. each; $2.75 per doz.; per 100, $18.00.

SPIRAEA (Goat's Beard, Meadow Sweet)

Elegant border plants with feathery plumes of flowers and neat, attractive foliage; succeed best in a half-shaded location in rich, moist soil.

Filipendula (*Dropwort*). Numerous corymbs of white flowers on stems 15 inches high, during June and July; pretty fern-like foliage.

Palmata (*Crimson Meadow Sweet*). One of the most beautiful hardy plants; the deep purple red of the stems and branches passing into the crimson purple of the broad corymbs of flowers; which are produced very freely during June and July. 3 feet.

Ulmaria Fl. Pl. (*Meadow Sweet*). Double white flowers during July and August; 3 feet.

35c. each; $3.50 per doz.; per 100, $25.00.

SOLIDAGO (Golden Rod)

Golden Wings. The finest of the Golden Rods; very showy; 5 feet high, with immense panicles of bright golden-yellow flowers from July to September. 25c. each; $2.50 per doz.; per 100, $15.00.

STACHYS (Woundwort)

Grandiflora Rosea. Large flowers of purple-rose; June and July; 15 inches. 25c. each; $2.50 per doz.

*STATICE (Sea Lavender)

Dumosa. Dense clusters of closely set, pure silver-gray flowers; very good for cutting.

Latifolia (*Great Sea Lavender*). Handsome plants with heads of dark blue flowers; invaluable for cutting, the flowers when dried, lasting for months. 1 to 2 feet.

25c. each; $2.50 per doz.; per 100, $15.00.

STOKESIA (Cornflower Aster)

The flower has the appearance of combining a giant cornflower and an aster. Plants are 18 inches high and are of spreading habit, blooming from June until frost. Succeeds in most any location.

Cyanea. Very light blue. **Cyanea Alba.** Pure white.

25c. each; $2.50 per doz.; per 100, $15.00.

SWEET WILLIAM (Dianthus Barbatus)

This plant occupies a foremost position, producing, early in Spring, quantities of bloom which make a grand effect, for just when they are in flower it is generally too soon for other perennials.

Michell's Prize Mixture. In all colors.

Pink Beauty (*Sometimes called Newport Pink*). A splendid shade of salmon with immense flower trusses.

25c. each; $2.50 per doz.; per 100, $15.00.

Single Sweet William

THALICTRUM (Meadow Rue)

Adiantifolium. A beautiful variety, with foliage like the Maiden Hair Fern and miniature white flowers in June and July; 1½ to 2 feet.

Aquilegifolium. Graceful foliage like that of a Columbine and rosy-purple flowers from May to July; 2 to 3 feet.

Dipterocarpum. Makes an ideal cut flower; the flowers are of a charming shade of violet-mauve which is brightened by a bunch of lemon-yellow stamens and anthers.

Intermedium. Pale yellow flowers in July; 2 feet.

30c. each; $3.00 per doz.; per 100, $20.00.

Plants marked * are suitable for the rock garden

The Old-Fashioned Sweet Williams are a charming addition to the Spring garden (wn)

TEUCRIUM (Germander)

Chamaedrys. An evergreen plant of dwarf, shrub-like habit; glossy aromatic foliage with spikes of purple flowers during July and August; 12 inches. 30c. each; $2.75 per doz.; per 100, $18.00.

THERMOPSIS

Caroliniana. A showy tall growing plant producing long spikes of yellow flowers during June and July; 3 feet. 30c. each; $2.75 per doz.; per 100, $18.00.

*THYMUS (Thyme)

Citriodorus Aureus. The golden-leaved, lemon-scented Thyme.

Lanuginosus (*Woolly-leaved Thyme*). Greyish foliage with rosy-lilac flowers.

Serpyllum Album (*White Mountain Thyme*). Forms dense mats of dark green foliage and clouds of white flowers during June and July; 3 to 4 inches.

— **Coccineum** (*Scarlet Thyme*). Dark green foliage with bright red flowers.

30c. each; $3.00 per doz.; per 100, $20.00.

TRADESCANTIA (Spider Wort)

Virginica. Produces a succession of blue flowers all Summer; 2 feet. 25c. each; $2.50 per doz.; per 100, $15.00.

TRILLIUM (Wood Lily, or Wake Robin)

Excellent plants for shady positions in the hardy border, or in a subaquatic position, flowering in early Spring; 12 to 18 inches.

Grandiflorum. The largest white; probably the handsomest. 15c. each; $1.50 per doz.; per 100, $10.00.

TRITOMA

(Red-hot-Poker, Flame Flower or Torch Lily)

Multicolor Hybrids. New and distinctive colors; valuable for cutting and producing gorgeous mass effects from August to October. 35c. each; $3.50 per doz.

Pfitzerii (*The Everblooming Flame Flower*). The early, free and continuous blooming qualities of this variety have made it one of the great bedding plants, and when we consider that there are few flowering plants which are suitable for massing under our severe climatic conditions, it is little wonder that such an elegant subject should become so popular. In bloom from August to October, with spikes 3 to 4 feet high, and heads of bloom of a rich orange-scarlet, producing a grand effect either planted singly in the border or in masses. 30c. each; $2.75 per doz.; per 100, $18.00.

Royal Standard. A distinct new variety with good sized flower heads, the flowers on the lower half of the spike are bright yellow, while those on the upper half are bright scarlet, a most effective and outstanding color combination. 50c. each; $5.00 per doz.

Tower of Gold. New, beautiful and tall, growing from 4 to 5 feet high. Immense orange and golden yellow spikes. 50c. each; $5.00 per doz.

*TUNICA

Saxifraga. A pretty tufted plant with small pink flowers, in the greatest profusion, during the entire Summer. Ideal for the border or rockery. 25c. each; $2.50 per doz.; per 100, $15.00.

— **Flore Plena Rosea.** A pretty new double flowering form of the above, in which the flowers as well as being double are considerably larger than the type and of a deeper color. Perpetual flowering from June until late in the Fall. 30c. each; $3.00 per dozen.

VALERIANA (Valerian)

Coccinea. Showy heads of old rose flowers from June to October.

Officinalis (*Hardy Garden Heliotrope*). Produces during June and July showy heads of rose-tinted white flowers, with heliotrope odor; 3 to 4 feet. 25c. each; $2.50 per doz.; per 100, $15.00.

TROLLIUS (Globe Flower)

Asiaticus Salamander. Large open flower, orange in color.

Earliest of All. Early and free flowering; light orange-yellow.

Europaeus. Desirable free-flowering plants, producing their giant bright yellow, Buttercup-like blossoms on stems 1 to 2 feet high from May until August.

Europaeus Hybrids. See color plate opposite page 122.

Gold Quelle. Large globular flowers of a rich orange-yellow.

Ledebouri. Height, 36 to 40 inches; prolongs blooming season with bright orange-yellow flowers.

— **Golden Queen** (*New*). A very showy variety, blooming in June and July and again in October. They stand more sun than the variety Europaeus. The rich golden-yellow globes with their prominent anthers have a decorative grace. 2½ to 3 feet high. 50c. each; $5.00 per dozen.

Meteor. Very large flowers of a rich deep orange.

Orange Prince. Large orange flowers during May and June; wonderful for cutting.

Price, of above Trollius, (except where noted), 35c. each; $3.50 per doz.; per 100, $25.00.

VINCA ALPINA

The color of this new Vinca is a deep glowing, velvety claret. Although endowed with a vigorous constitution the habit is refined, compact and never becomes straggly. It is a prolific bloomer throughout the growing season, splendidly adapted for sun or partial shade. Offered for the first time it takes its place as one of the most valuable of the better ground covers.

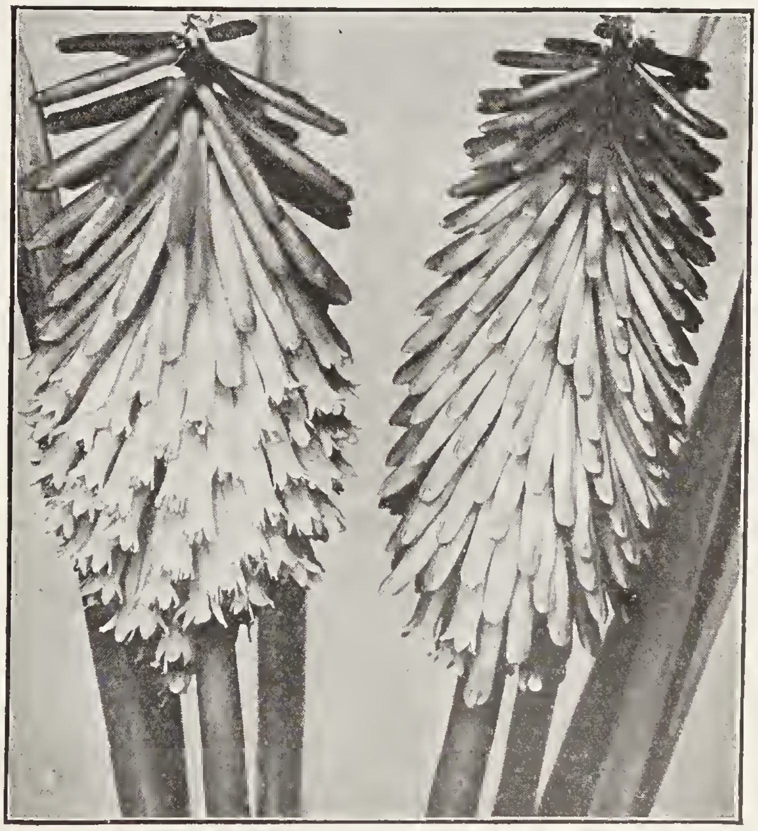
35c. each; $3.50 per dozen.

*VINCA (Periwinkle or Trailing Myrtle)

It is often a perplexing problem to find the plant that will do well in a dense shade; right there is where Vincas of the hardy class should be employed, also in lawn plantings under trees, in woodlands and on spots it is desired to cover where no grass will grow. It is valuable for planting on cemetery lots by reason of its dwarf creeping habit. The foliage is green all Winter.

Minor. Green foliage, lavender flowers. Extra strong plants, 20c. each; $2.00 per doz.; per 100, $12.00; per 1000, $100.00.

***Bowles Variety.** This new European form is more desirable in every respect than the common type. The foliage is broader and rich glossy green of strong texture. The flowers are not only larger but of a deeper rich blue and are borne with a remarkable profusion. 25c. each; $2.50 per doz.



Tritoma, Pfitzerii

The newer varieties of Iris offered on page 118 are entirely different
Plants marked * are suitable for the rock garden

(wn)

Veronica, Longifolia Subsessilis

VERONICA (Speedwell)

A large and much cultivated group of blue-flowered perennials, great favorites in the hardy garden. The taller forms are very pretty border plants, while the more dwarf spreading forms are well adapted to the rockery. Unexcelled for cutting purposes.

Amethystina. Amethyst-blue flowers on short spikes; one of the best; 2 feet; May to June.

***Incana.** Bright silvery foliage with spikes of Amethyst-blue flowers during July and August; 12 inches.

Longifolia Subsessilis (*Japanese Speedwell*). It is the handsomest blue-flowered plant we know of, growing to a height of two feet and completely studded with its spikes of blue flowers, which are fine for cutting. 2 feet; August to October.

***Rupestris, Heavenly Blue.** Dwarf and spreading; flowers very early and of an exquisite shade of blue.

***— True Blue.** Literally covers itself with blossoms of intense blue during June and July; 1 foot.

***Saxatile.** Mounds of evergreen foliage, about 5 inches. Flowers slate-blue in June.

***Spicata.** Long spikes of bright blue flowers during June and July; 18 inches. An excellent border plant.

30c. each; $2.75 per doz.; per 100, $18.00.

WALLFLOWERS

The old fragrant favorite; mixed colors, including yellow, brown, etc. 30c. each; $2.75 per doz.; per 100, $18.00.

YUCCA (Adam's Needle)

This plant sets off to best advantage if used as individual specimens, either on the lawn or in the shrubbery border. The foliage is of an evergreen nature, is slender and pointed. The tall flower-spikes rise 4 to 5 feet above the plant and are decked with cream-white bell-shaped drooping flowers during July and August.

Filamentosa. White, with reflexed flower bells. Extra strong plants. 35c. each; $3.50 per doz.; per 100, $25.00.

Variegata. A beautifully variegated form of the above, having a central stripe of green with a border of golden-yellow. 50c. each; $5.00 per doz.

VIOLAS OR TUFTED PANSIES

(Viola Cornuta)

The improved forms of Viola Cornuta are one of the important bedding plants of Europe, and are rapidly growing in favor here.

Apricot Queen. Apricot yellow tinged with orange.

Arkwright Ruby. This new variety is of the large flowered type; color a beautiful bright rosy-crimson with terra-cotta shadings. An outstanding variety.

Blue Perfection. Deep purplish-blue.

Lutea Splendens. Rich golden yellow.

White Perfection. A fine white.

Yellow Queen. Another large flowered type; color deep pure yellow; a robust grower and wonderfully free flowering.

25c. each; $2.50 per doz.; per 100, $15.00.

VIOLA (Jersey Gem)

Without a doubt the best bedding Viola yet introduced, being most suitable to our climatic conditions, doing well in any good garden soil, but for best results should have full sunlight; under such conditions it will flower continuously from April until heavy frost. The plant is of compact growth; flowers of pure violet on stems about 6 inches long, making it valuable for cutting as well as a most attractive border plant. 25c. each; $2.50 per doz.; per 100, $18.00.

NEW HYBRID VIOLA

Jersey Jewel. A worthy companion to Jersey Gem, having the same perpetual flowering habit but with flowers twice as large; in color a true Pansy-violet which in full sunshine is most effective. 50c. each; $5.00 per doz.

VIOLA, MAGGIE MOTT

Large lavender flowers, heavy with fragrance. Maggie Mott brings a tradition of English gardens with her, worthy of the greatest expectations. Continuous blooming and dependable. 50c. each; per doz., $5.00.

VIOLA ROSINA

Exquisitely fragrant, rich rosy-pink flowers; entirely different from any other Viola we have ever seen. In Spring a mass of pink flowers appear before the foliage with a continuous sprinkle of flowers until frost. Does well in a sandy soil and in a semi-shady position. Grows 8 inches high. 35c. each; $3.50 per doz.

VIOLA WEDGEWOOD

One of the newer and one of the best bedding Violas, producing beautiful Wedgewood-blue flowers. A very free bloomer. 50c. each; $5.00 per dozen.

DOUBLE RUSSIAN VIOLET

Perfectly hardy anywhere, producing double sweet scented flowers in abundance. A splendid subject for that troublesome shady place. 30c. each; $3.00 per doz.; per 100, $20.00.

Yucca Filamentosa

The Rose is the "Queen of Flowers." See pages 100 to 105 for a list of the best (wn)
Plants marked * are suitable for the rock garden

Vines play an important part in the landscape of the home. There are so many purposes they fill that we cannot recommend too highly their general use.

AKEBIA—Quinata. Quick-growing vine; small, fine-lobed, half-evergreen leaves, and purplish brown or chocolate-colored flowers, which have a delicious odor. This plant is highly desirable where a dense shade is not desired. Extra strong plants, 35c. each; $3.50 per doz.

AMPELOPSIS—Quinquefolia (*Virginia Creeper*). The large handsome, dark green leaves are deeply cut into five lobes. In the Autumn the foliage turns a beautiful rich crimson; especially adapted to covering tree stumps and trunks. Extra strong plants, 35c. each; $3.50 per doz.

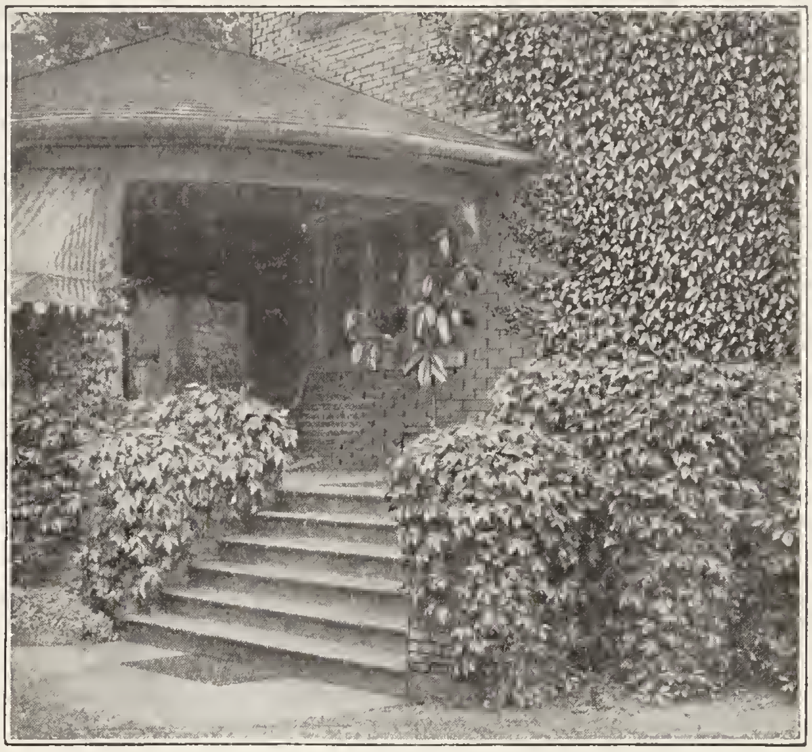
AMPELOPSIS—Veitchii (*Boston Ivy*). The popular climber for brick and stone buildings and walls. The leaves are a beautiful deep green which in the Autumn turn to a coppery red. Strong plants, 40c. each; $4.00 per doz.

ARISTOLOCHIA—Sipho (*Dutchman's Pipe*). Handsome light green leaves, giving a quick, dense shade. The brown flowers are shaped like the bowl of a pipe. Large plants, $1.00 each; $10.00 per doz.

BIGNONIA—Grandiflora (*Trumpet Vine*). A strong-growing vine, with rich green foliage and trumpet-shaped flowers; free-flowering; dark red, throat shaded orange. Strong plants, 75c. each; $7.50 per doz.

CELASTRUS SCANDENS (*Bittersweet or Waxwort*). A vine of rapid growth. In the early Summer it produces yellow flowers, which by Autumn have turned to bright, orange-colored fruits, with red markings. Extra strong plants, 35c. each; $3.50 per doz.

Clematis, Jackmani



Ampelopsis Veitchii

CLEMATIS

This family of Climbing Plants are probably more popular than any other. Some of the small flowering varieties are exceedingly fragrant. The large flowering types make a glorious effect on account of their gigantic blooms and striking appearance. All Clematis delight in plenty of sunlight, rich soil and plenty of water in dry weather. Great care should be exercised in planting the large-flowering varieties. During the process of transplanting, the stem is likely to get broken below the eye shoots, which would render the plant useless. To guard against this, place a few stakes around the plant to protect it after planting. In the Winter put a covering of straw, long manure, or leaves around the roots.

CLEMATIS MONTANA RUBRA

Identical in every way with the variety Montana Undulata except in color, which is of a pleasing shade of soft rosy-red, a most desirable color. Strong plants, 75c. each.

CLEMATIS MONTANA UNDULATA

(Anemone Clematis)

A strong, vigorous, perfectly hardy type that succeeds under the most adverse conditions. The Anemone or Windflower-like white, flushed mauve flowers are from 1½ to 2 inches in diameter and frequently begin to open the last week in April, just when Wisterias are finished flowering, continuing well throughout May. The best of the early Spring flowering climbers. Strong pot plants, 75c. each.

Coccinea. Produces pretty bell-shaped coral-red flowers from early in June until late in Fall. 75c. each.

Crispa. This variety bears sweet-scented, lavender flowers. 75c. each.

Henryi. Creamy white; large single flowers, borne in great profusion. Extra strong pot-grown plants, 75c. each.

Jackmani. Violet-purple; intensely colored, gigantic flower. Extra strong pot-grown plants, 75c. each.

Mad. Edouard Andre. Velvety red. Flowers are well formed and of great substance; the blooms are gigantic. Extra strong pot-grown plants, 75c. each.

Paniculata (*Japanese Virgin's Bower*). A strong, luxuriant grower, with light green foliage. At the close of August innumerable star-like flowers cover the vine in a sheet of fragrant white. Strong plants, 30c. each; $3.00 per doz.; per 100, $20.00. Extra strong plants, 50c. each; $5.00 per doz.; per 100, $35.00.

Ramona. A beautiful shade of lavender-blue. 75c. each.

The large flowering Clematis are a most satisfactory flowering vine

COBAEA—Scandens (*Annual*). A beautiful blue, cup-shaped flowering annual climber; very desirable for lattice covering, etc. Extra strong plants, 4-inch pots, 40c. each; per doz., $4.00.

EUONYMUS—Radicans. Self-clinging vine, suitable for covering walls, stumps or rockeries, or wherever a vine of slow growing habit is desired, green foliage.

—**Variegata.** Leaves are variegated; otherwise like the above variety.

—**Vegeta.** The foliage is larger than that of the type Radicans, and the plant produces an orange-colored berry, which remains on the plant the most part of the Winter.

Price of any of the above Euonymus, strong plants, 35c. each; $3.50 per doz.

HONEYSUCKLE. This favorite requires very little comment or description, always yielding a wealth of fragrant bloom.

—**Chinese Evergreen.** Yellow and white variegated flowers; very fragrant, blooms the entire season.

—**Halliana** (*Hall's Honeysuckle*). Flowers pure white, turning to yellow; hardy evergreen; flowers from June until frost.

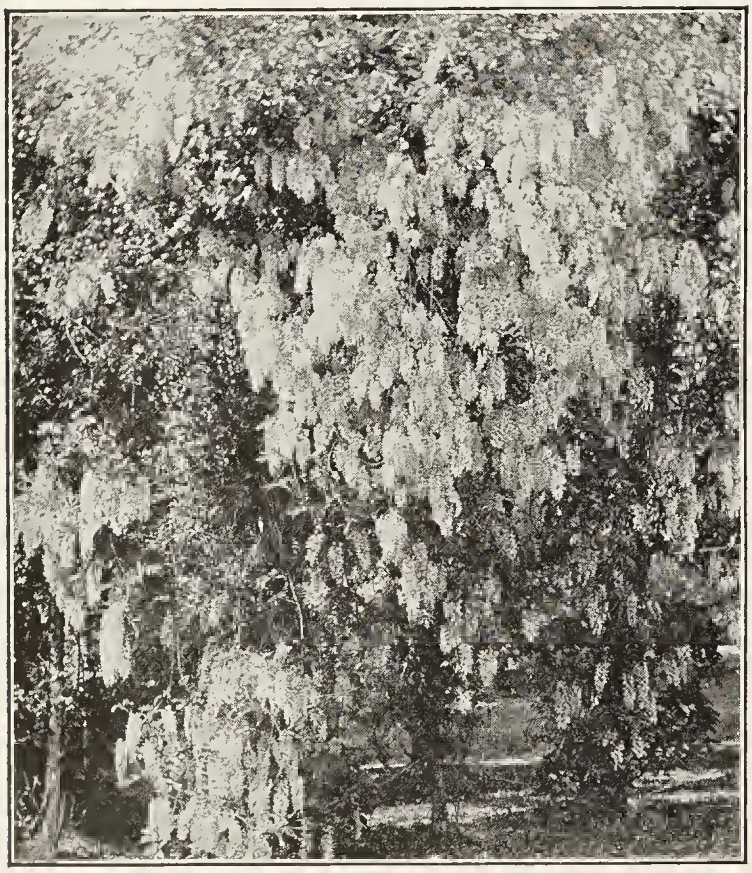
—**Sempervirens Magnifica.** In bloom continuously from early June until late in October. Every branch bears a terminal truss of from 15 to 20 orange-scarlet, long tubular flowers. Strong plants, 50c. each; per doz., $5.00.

—**Tellmanniana.** (*Golden Giant*). A vigorous hardy climber with extra large flowers, intense golden yellow in color with the tube lightly shaded bronzy scarlet on the outside. Flowers profusely during the month of June and is perfectly hardy. A really fine new climber. Strong plants, 50c. each.

—**Variegated** (*Aurea Reticulata*). Foliage beautifully mottled yellow and green; flowers white and yellow.

Price of any of the above Honeysuckles (except where noted), strong plants, 35c. each; $3.50 per doz.; per 100, $25.00.

HOP VINE (*Japanese*). A rapid grower, with dark green foliage, and bearing a profusion of seed-pods, suitable for many domestic purposes. Strong pot-plants, 25c. each; $2.50 per doz.



Wistaria

IVY (*English*). This is an invaluable plant for covering brick and stone walls and buildings. It rarely ever dies out and needs no attention. 2¼-inch pots, 15c. each; $1.50 per doz.; $10.00 per 100. 4-inch pot-plants, 50c. each; $5.00 per doz.; $40.00 per 100.

KUDZU (*Pueraria*). This vine grows a foot a day and makes a dense covering; exceedingly attractive. Towards the end of Summer produces small, rosy-purple flowers. 25c. each; $2.50 per doz.

LATHYRUS (*Hardy Pea*). This is a splendid plant for training on pillars, columns and similar places; it flowers during the greater part of the Summer.

—**Latifolius.** Rich red.

—**Pink Beauty.** Beautiful rose pink.

—**White Pearl.** Pure white, giant flower trusses.

Price of Lathyrus, strong plants, 25c. each; $2.50 per doz.

LYCIUM (*Matrimony Vine*)—**Barbarum.** A dense growing climber, somewhat shrubby in nature. In late Summer the small purple flowers are followed by a crop of red berries, which remain until late Winter. 50c. each; $5.00 per doz.

MOON VINE—Noctiflora (*Annual*). A pure white variety, blooming toward evening and in the forenoon; the flowers are frequently 6 inches in diameter. Extra strong plants, 40c. each; $4.00 per doz.

Polygonum Auberti

POLYGONUM

Auberti. For porches, lattice work, fences, pergolas and buildings. A useful vine which is perfectly hardy; it is quick growing, a small plant will make twenty-five to thirty feet of growth the first Summer; snowy white flowers, borne in long clusters, which turn rose color with age. It will not cling to the wall, but will ramble over anything that will support it.

Extra strong pot-grown plants, 50c. each; $5.00 per doz.

WISTARIA. This flowers in the latitude of Philadelphia during May. A strong developed vine produces hundreds of flower panicles, while no foliage is visible until after the flower is faded.

Chinensis (*Chinese Wistaria*). Pale blue; somewhat fragrant. Extra strong plants, $1.00 each.

Chinensis Alba. A beautiful white flowering form of the above. Extra strong plants, $1.00 each.

Our Wistarias are all grafted plants and are sure to flower

MICHELL'S HARDY DECORATIVE FLOWERING SHRUBS

A planting of Shrubs massed around the boundaries of a garden forms a harmonious background against which the bright-colored Peonies, Poppies, Iris, Phlox and other Hardy Perennial Plants appear to their best advantage.

Because of their easy culture, rapid growth, adaptability to most any situation and their great diversity in size, foliage and bloom, the shrubs are of first importance in creating landscape beauty. There are many suitable locations for planting shrubs about the home grounds. The house foundation and the angles and corners should be softened by shrubs of medium height. Spiraeas, Hydrangeas, Berberis, Deutzias and others of a like nature are suitable for this purpose.

Taller shrubs such as Lilacs, Philadelphus and Altheas are better planted along the sides and rear of the grounds. Here they can be used to give a frame to the property, block out undesirable views and serve as a screen for any purpose desired. Such group plantings should be made in the nature of borders, and the shrubs selected and arranged to give a continuance of bloom, pleasing foliage combinations together with a Fall and Winter coloring of bark and berries.

In planting, space the larger growing shrubs, such as Lilacs, from four to five feet apart; medium tall shrubs, such as Spiraea Prunifolia three to four feet apart, and dwarf growing sorts such as Azaleas, Berberis or Deutzia Gracilis, two to two and one-half feet apart. Dig holes of ample size, place the plant, and after filling in with two-thirds of good top soil, add water to the level of the ground and allow this to settle. After the water has passed away, complete the filling in of the soil.

In pruning, remember that all early flowering shrubs bloom on the last year's wood and should not be pruned until after they have bloomed (otherwise the blooms will be destroyed for that season), at which time the old worn-out wood and all weak growth should be cut away, allowing the vigorous young shoots to remain. The late flowering Shrubs, such as Altheas, Hydrangeas, etc., bloom on the wood made this season. These should be pruned early in the Spring, cutting them back severely to induce a vigorous new growth.

ABELIA GRANDIFLORA (*The Bush Arbutus*). A small shrub of graceful habit, flowering continuously from July until frost. The flowers are small, tubular, white shaded pink and are borne in clusters, forming a pleasing contrast with the shiny, almost evergreen foliage. Strong plants, 50c. each.

ALTHEA (*Rose of Sharon*). These thrive almost anywhere, producing their bloom from July till September.

— **Alba Plena.** Pure white; double.

— **Atropurpurea Plena.** Double purple.

— **Lady Stanley.** Semi-double; pale pink, splashed with carmine.

— **Wm. R. Smith.** Pure white single flowers, opening out flat, in great profusion from early July until late September; very showy and outstanding.

Plants, 2 to 3 feet high, 60c. each.

AMYGDALUS—Alba Flore Pleno (*Flowering Almond*). Erect, slender branches, which are covered in May with small, very double, fragrant white flowers. Strong plants, 2 to 3 feet, 75c. each.

— **Rosea Flore Pleno.** Identical with the above, but bearing pink flowers. Strong plants, 2 to 3 feet, 75c. each.

ANDROMEDA—Japonica (*Pieris*). Compact growing shrub with dark green foliage. The bell-shaped, white flowers are produced in dense panicles in early Spring. Strong plants, $1.50 each.

ARONIA ARBUTIFOLIA (*Red Chokeberry*). A very desirable shrub on account of its wealth of red berries, very handsome in the Fall. Strong plants, 2 to 3 feet high, $1.00 each.

AZALEAS. A family of dwarf bushy shrubs, bearing a great profusion of flowers in the Spring and succeeding best in a partially shaded position. Very useful for planting in the shady border or in groups by themselves.

— **Amoena.** An evergreen variety, literally covered with masses of rosy-crimson flowers in the late Spring. Bushy plants, $1.50 each; $15.00 per doz.

—**Amoena Coccinea.** A true sport of the well known variety Amoena, with brilliant red flowers. A valuable Azalea where A. Hinodegiri is not hardy. Bushy plants, $1.50 each.

— **Hinamayo.** Similar to the well known variety, Hinodegiri in habit of growth; the foliage is smaller and the color is a delicate soft shade of rose-pink. Bushy plants, $1.50 each.

— **Hinodegiri.** Another evergreen variety and one of the best, bearing fiery-red single flowers in great profusion. Very desirable on account of its color. Bushy plants, $1.50 each; $15.00 per doz.

— **Kaempferi** (*Torch Azalea*). A beautiful hardy shrub of erect habit with brick-red flowers. Strong plants, $2.00 each.

— **Kurume, Coral Bells.** Not a very large flower, but produced very freely; a pleasing coral-pink in color, very dainty, semi-double. Strong bushy plants, $1.50 each.

— — **Flame.** Brilliant red flowers in profusion; glossy evergreen foliage. Bushy plants, $1.50 each.

Hardy Azalea

AZALEA—Kurume, Pink Pearl. A beautiful salmon-rose, shading lighter to the center; large full trusses. Bushy plants, $1.50 each.

— — **Snow.** Large pure white flowers borne profusely in clusters, semi-double. Strong bushy plants, $1.50 each.

— **Ledifolia Alba.** A robust growing variety with heavy mat green foliage and large pure white flowers. Bushy plants, $1.50 each.

— **Mollis.** This is a deciduous variety, dwarf and bushy. The flowers are large and are produced in clusters on the ends of the shoots in May. We offer mixed colors only, which vary from pale yellow to the deeper orange and even scarlet. Strong plants, $2.50 each.

BERBERIS—Julianae (*Wintergreen Barberry*). Evergreen variety with deep green leaves, one of the best. Thrifty young plants, $1.00 each.

— **Tricanthophora** (*Three Spine Barberry*). One of the most graceful of the evergreen Barberries; narrow leaves and very hardy. Strong plants, $1.00 each.

— **Verruculosa** (*Warty Barberry*). A compact growing variety with small shiny leaves. A gem for the rock garden. Thrifty young plants, $1.00 each.

We will supply all Shrubs listed at 60c. each, for $6.00 per dozen

BERBERIS—**Thunbergii** (*Japanese Barberry*). See page 133.

BRIDAL WREATH. See Spirea Prunifolia.

NEW BUTTERFLY BUSH or SUMMER LILAC

Buddleia Ile de France

This new variety of Buddleia, a French introduction, will quickly replace the older varieties of this shrub which have been popular for so many years, it being superior not only in its brilliant coloring but also in its more uniform habit of growth. The plant attains a height of from 3 to 4 feet, forming a symmetrical bushy shrub, every growth terminated by a graceful spike of fragrant flowers of a brilliant rosy violet-purple, very fragrant. In bloom from the latter part of July until late September. Strong plants from 4-inch pots, 50c. each; $5.00 per doz.

CALLICARPA PURPUREA (*Beauty Fruit*). A beautiful shrub growing about 3 feet high, covered in August with tiny pink tinted flowers, followed in late September by violet purple berries borne in clusters from the axil of every leaf, remaining until the middle of Winter. Strong plants, 60c. each.

CALLUNA (*Scotch Heather*). Small evergreen shrubs growing from one to two feet high with small bell-shaped flowers in great profusion from July till September. Recommended for rock gardens.

— **Vulgaris.** Midseason; grows 12 to 15 inches high; flowers rosy-pink.

— **Alba.** Early; grows 12 to 15 inches high; flowers white.

— **Alporti.** Late; grows 24 inches high; flowers rosy-purple.

— **Aurea.** Midseason; grows 12 to 15 inches high; flowers pink, foliage bright yellow-green, turning red.

— **Rubra.** Early; low spreading growth, 6 to 12 inches high; flowers rosy-carmine.

Price of Callunas, bushy plants, 60c. each.

CALYCANTHUS—**Floridus** (*Sweet Shrub*). Chocolate-colored double flowers, with a peculiar agreeable odor. Blooms in June. 2 to 3 feet, 60c. each.

CERCIS—**Canadensis** (*Judas Tree or Red Bud*). A tall, slender growing shrub, developing eventually into a large tree. Very early in the Spring the leafless branches are covered with delicate deep pink flowers. 2 to 3 feet plants, 75c. each.

CHIONANTHUS—**Virginica** (*White Fringe*). In May and June the tree is covered with long, fluffy panicles of fine white bloom. Strong plants, 75c. each.

CLETHRA—**Alnifolia** (*Sweet Pepper Bush*). Of low and dense growth; numerous spikes of small white fragrant flowers appearing in July; desirable for moist places or along water edges. 2 to 3 feet, 60c. each.

CORNUS (*Dogwood*). This plant is so well known that it hardly needs description. The flowers appear before the foliage in May. In Autumn it takes on a rich crimson shade.

— **Florida** (*White Flowered Dogwood*). Strong plants, 2 to 3 feet, $1.00 each.

— **Rubra** (*Pink Flowered Dogwood*). 2 to 3 feet, $2.00 each.

— **Elegantissima** (*Variegated Dogwood*). A beautifully variegated shrub which should be planted more freely. Strong plants, 2 to 3 feet high, 60c. each.

— **Lutea** (*Golden-twigged Dogwood*). Bright yellow branches in Winter. Strong plants, 2 to 3 feet high, 60c. each.

— **Sibirica** (*Siberian Dogwood*). Branches, a bright, coral red which are quite ornamental for Winter effects. Strong plants, 2 to 3 feet high, 60c. each.

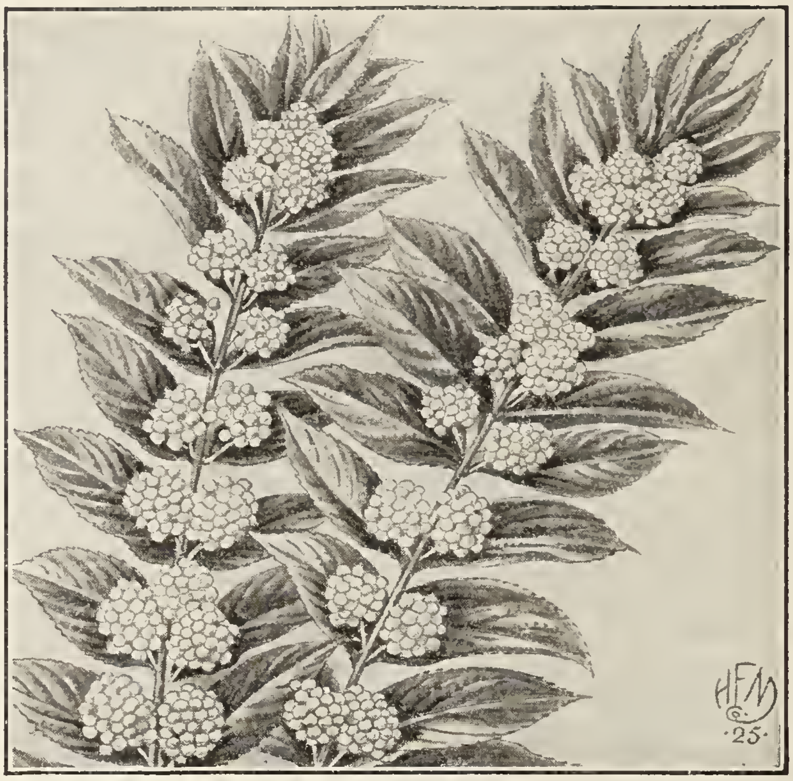
COTONEASTER—**Apiculata.** Low growing variety with large bright red berries.

— **Francheti** (*Rockspray, Quinceberry*). Upright, densely branched shrub with spreading branches. Fruit orange-red.

— **Horizontalis.** Low growing shrub with almost horizontal branches. Small shiny green leaves and orange-red berries produced in profusion. One of the most effective evergreen plants for the rockery.

— **Salicifolia Floccosa** (*Willow Leaf Cotoneaster*). Large growing shrub of graceful habit; bright red fruits extending well along the branches.

Any of the above Cotoneasters, strong pot-grown plants, 75c. each.



Callicarpa Purpurea

CRAB. See Malus.

CYTISUS—**Laburnum** (*Golden Chain*). A large shrub with shining green leaves and long drooping racemes of yellow flowers, which appear in the early Summer. $1.50 each.

DAPHNE—**Cneorum** (*Garland Flower*). A pretty dwarf spreading shrub, growing from 6 to 8 inches high; valuable for the rockery or for the front of the border; beautiful bright pink, sweet-scented flowers early in May. Strong plants, $1.00 each.

DEUTZIA. The Deutzias are among the most useful of our summer flowering shrubs. For planting either individually or in masses they are very attractive.

— **Candidissima Fl. Pl.** Abundant racemes of double, pure white flowers in June; luxuriant foliage, and fine habit. 3 feet plants.

— **Crenata Rosea Fl. Pl.** Double; white tinged pink. 3 feet.

— **Gracilis.** Of dwarf, bushy habit; white flowers. 18 inches.

— **Lemoinei.** One of the best dwarf hardy shrubs; the flowers are large and are produced in cone-shaped heads of pure white.

— **Pride of Rochester.** The flowers, borne in large panicles, are pinkish white, with under-side of the petals rose. June.

Any of the above Deutzias, 60c. each.

DOGWOOD. See Cornus.

ERICA—**Vagans** (*Cornish Heath*). A charming hardy plant, companion to the Heathers, bearing pale lilac flowers. Strong one-year-old plants, 75c. each.

EUONYMUS ALATA (*Cork-barked Euonymus*). Small delicate flowers in late Spring are followed by attractive red berries in the Fall. Curious corky bark, brilliant Autumnal foliage. Best for individual planting. 18 to 24 inches, 75c. each.

EXOCHORDA GRANDIFLORA (*Pearl Bush*). A medium sized shrub, producing white flowers in graceful clusters, early in the Spring; fine for cut flowers. Strong plants, 18 to 24 inches, 50c. each.

FLOWERING ALMOND. See Amygdalus.

FLOWERING CRAB. See Malus.

Forsythia Spectabilis

FORSYTHIA (*Golden Bells*). Bright golden-yellow, star-shaped flowers burst into bloom just as Winter is leaving and while the bush is otherwise bare.

— **Fortunei.** Erect growing with dark green foliage; strong plants, 4 feet.

— **Intermedia.** April. Vigorous grower with slender, erect or arching branches. Considered by many as the best of the family.

— **Spectabilis.** Strong, tall growing with very large flowers completely covering the stems, most profuse bloomer of all.

— **Suspensa.** Graceful, drooping tendency. Frequently planted on banks and slopes. Beautiful as specimens or in masses.

Price of Forsythias, 60c. each.

GOLDEN BELLS. See Forsythia.

GOLDEN CHAIN. See Cytisus.

HONEYSUCKLE. See Lonicera.

HYDRANGEA—Arborescens Grandiflora Alba (*Snowball Hydrangea*). The snow-white blooms are of the largest size, coming into flower in early June and lasting until late in August. Is more hardy than any other sort and especially suited for shaded places. 2 to 2½ feet, 60c. each.

— **Paniculata Grandiflora.** The large panicles of white flowers are at their best during August, later they take on a reddish cast. These plants look fine used as single specimens on the lawn or grouped in large beds. Strong bush form, 2 feet plants, 60c. each; extra heavy 3 foot plants, $1.00 each.

— **Paniculata Grandiflora** (*Standard or Tree-Shaped*). These are fine, planted as individual specimens in the lawn or in the center of beds, containing other plants. Stems 2 to 2½ feet long, with shapely heads, $1.00 each.

— **Quercifolia** (*Oak-leaved Hydrangea*). A handsome spreading shrub with striking foliage, turning in Autumn to a beautiful red. The flowers are produced freely in August, in flat white clusters. Strong plants, 2 to 3 feet, $1.00 each.

ILEX AQUIFOLIUM (*English Holly*). Strong plants, 18 to 24 inches high, $2.50 each.

— **Cornuta** (*Chinese Holly*). A very handsome variety of Holly with large spiny, dark green leaves and large scarlet berries. Strong plants, $1.00 each.

JAPAN QUINCE. See Pyrus.

JASMINUM—Nudiflorum. A fine shrub for sheltered positions, bearing fragrant yellow flowers very early in Spring. Hardy south of Philadelphia. 50c. each.

JUDAS TREE. See Cercis.

KALMIA LATIFOLIA (*Mountain Laurel*). Evergreen; most effective in June when the clusters of pink flowers open; nice clean foliage and likes shade. Strong plants, $2.50 each.

KERRIA—Japonica Fl. Pl. An old-fashioned shrub, producing attractive double golden-yellow flowers from June until October. The branches, during the Winter, are a pleasing shade of green. 75c. each.

KOLKWITZIA AMABILIS (*Beauty Bush*). A handsome new ornamental shrub from China, resembling the Weigelia and Honeysuckle, to which it is allied. Growing to 6 to 8 feet high at maturity, with long arching branches covered with pale pink, bell-shaped flowers in June. One of the most outstanding shrubs. Strong plants, 18 to 24 inches high, 60c. each.

LILAC. See Syringa.

LONICERA—Fragrantissima (*Honeysuckle*). March and April. Delightfully fragrant white flowers that come with the first breath of Spring. 60c. each.

— **Morrowi.** An open bush with irregular branches. The foliage is dark green with small white flowers, which appear during May. During the late Summer and early Autumn the plant is covered with bright red berries. Plants, 3 feet, 60c. each.

— **Ruprechtiana.** A free flowering variety; white flowers during May and June, followed by red fruit. 60c. each.

— **Tatarica Pink** (*Tatarian Honeysuckle*). Large rose-pink flowers in abundance, followed by attractive berries. A most adaptable shrub. 3 feet, 60c. each.

MAHONIA AQUILIFOLIUM (*Oregon Holly Grape*), 4 to 5 feet. Evergreen, shining green leaves which turn to rich scarlet in the Autumn; yellow flowers in May followed by blue-black fruit. Best in half shade. Strong plants, 15 to 18 inches high, $1.50 each.

MALUS—Floribunda (*Japanese Flowering Crab*). One of the best of the flowering Crabs. The buds are a warm rose color opening to light pink flowers—the whole forming a shapely bush or small tree. 3 to 4 feet, $1.00 each.

— **Ioensis Plena** (*Bechtel's Double Flowering Crab*). A shapely little tree, producing quantities of very double, fragrant flowers of a soft pink, resembling a small Rose in formation. 2 to 3 feet. 60c. each.

— **Parkmanii** (*Parkman's Flowering Crab*). Rose-colored buds open into little rosy white flowers; these are succeeded by decorative fruits. The tree is of a rather spreading, irregular habit. 3 feet. 75c. each.

MOCK ORANGE. See Philadelphus.

NANDINA DOMESTICA (*Chinese Bamboo*). Handsome small shrub with graceful light green foliage turning bronzy-red early in the Fall. Small white flowers in Spring followed by crimson berries. Strong plants, 18 to 24 inches high, $1.50 each.

OSMANTHUS-AQUILIFOLIUM (*Holly Osmanthus*). Evergreen shrub with holly-like foliage and small white fragrant flowers. Strong plants, $1.50 each.

PHILADELPHUS—Avalanche. One of the newer varieties and one of the best, growing from 6 to 8 feet in height with slender arching branches which are nearly covered with large pure white flowers. Strong plants, 2 to 3 feet high. 60c. each.

— **Bouquet Blanc.** Low dense habit, blooms very freely during May and June. Strong 2 to 3 foot plants, 60c. each.

— **Coronarius** (*Mock Orange*). Handsome foliage and beautiful, fragrant white flowers in May and June. 2 to 3 foot plants, 60c. each.

PRUNUS—Triloba (*Double-flowering Plum*). A shapely shrub of medium height, bearing in early Spring, semi-double delicate pink flowers, about one inch in diameter. Strong plants, 2 to 3 feet, 75c. each.

PYRACANTHA (CRATEGUS) COCCINEA LALANDI. (*Firethorn or Evergreen Thorn*). There is no other fruiting evergreen shrub that is so attractive throughout the year as this fiery Thorn. The large trusses of white flowers are followed in Summer by an abundance of brilliant orange-scarlet berries, which, remaining on the plants throughout the Winter, produce a gorgeous effect. Strong pot-grown plants, $1.00 each.

PYRUS—Japonica (*Japan Quince*). This shrub is a beautiful sight when covered in the early Spring with cherry-red flowers, about the size of an apple blossom. Extra strong plants, 2 feet, 60c. each.

RED BUD. See Cercis.

HYBRID RHODODENDRONS

The handsomest and most effective of the broad-leaved Evergreens. They will succeed in any light or friable garden soil but if a heavy clay soil must be used, incorporate a liberal amount of leaf mold or well decomposed cow manure, digging the beds about 2 feet deep.

Mulch the beds during the Summer with Peat Moss and protect in Winter with 4 or 5 inches of leaves. Evergreen boughs between the tops of the plants during the Winter is desirable to break the cold driving winds and to protect from the rays of the sun in the early Spring.

America. Red; spreading.

Amphion. Pink; bushy.

Catawbiense Grandiflorum. Lilac; compact.

Dr. C. H. Dresselhuys. Red; tall.

Lee's Dark Purple. Purple; bushy.

Everestianum. Lilac; dwarf.

Mrs. C. S. Sargent. Light red; bushy.

President Lincoln. Lavender; tall.

Purpureum Elegans. Purple; tall.

Roseum Elegans. Pink; compact.

Strong plants,	12 to 15	inches high,	$2.00	each
" "	15 to 18	" "	3.00	"
" "	18 to 21	" "	4.00	"
" "	21 to 24	" "	5.00	"

RHUS COTINUS (*Purple Mist or Smoke Tree*). A large shrub that can be planted as a single specimen or in the mixed border; about mid-summer the plant is literally covered with clusters of feathered flowers giving the appearance of a cloud of smoke or mist. Strong plants, 2 to 3 feet, 75c. each.

— **Typhinia Laciniata** (*Dwarf Cut-leaved Sumac*). Low growth and fern-like foliage highly colored in the Fall months. 75c. each.

ROBINIA HISPIDA (*Rose Acacia*). A quick growing shrub of great beauty. Has loose racemes of beautiful large pink flowers in June. Gives a magnificent effect. Strong plants, 2 to 3 feet high, 75c. each.

ROSE OF SHARON. See Althea.

SNOWBALL. See Viburnum.

SPIREA—Anthony Waterer. Of dwarf, dense habit, bearing a profusion of crimson flowers. 2 feet.

— **Prunifolia** (*Bridal Wreath*). The pretty double white flowers are all along the almost leafless stem about May 1st, just as the leaves are budding. 3 feet.

— **Thunbergi.** One of the prettiest of the dwarf shrubs, with fine delicate foliage and a profusion of small white flowers in the early Spring. 18 inches.

— **Van Houttei.** The most beautiful of all white Spireas, flowering in May, when it is a complete fountain of white bloom. 3 feet.

Price of Spireas, 60c. each.

SYMPHORICARPUS—Racemosus (*Snowberry*). Small red flowers are succeeded by many white berries, remaining on the plant through half the winter. Strong plants, 60c. each.

— **Vulgaris** (*Red fruited or Indian Currant*). This is a well known shrub, bearing pink flowers followed by bright red fruit. 60c. each.

SUMAC. See Rhus.

SWEET PEPPER BUSH. See Clethra.

SWEET SHRUB. See Calycanthus.

Symphoricarpus (*Snowberry*)

SYRINGA (*Lilac*)—**Charles X.** A strong growing variety, bearing large trusses of reddish purple flowers. $1.00 each.

— **Japonica.** A very desirable free flowering tree, bearing during June and July fragrant white flowers in large panicles. 60c. each.

— **Marie Legraye.** A dwarf growing variety, producing immense trusses of beautiful creamy white flowers; one of the most popular single white sorts. $1.00 each.

— **Persica** (*Persian Lilac*). More slender in growth than the common lilac; purple flowers in graceful spikes. 60c. each.

— **Vulgaris.** Common purple, sweet-scented lilac. 60c. each.

— **Vulgaris Alba.** Pure white type of the above, but more fragrant. 60c. each.

TAMARIX—Africana. Strong, slender, upright growth, with panicles of feathery pink flowers in May. 2 to 3 feet, 60c. each.

— **Hispida Aestivalis.** A distinct variety, bearing delicate sprays of soft pink flowers in July and August, very light and feathery. 2 to 3 feet. 60c. each.

VIBURNUM CARLESI. A rare Korean variety and one of the most desirable semi-dwarf flowering shrubs with clusters of wonderfully fragrant flowers, white shaded with pink. Strong plants, $1.50 each.

— **Dilatatum** (*Linden Viburnum*). One of the best of the Viburnums, producing small white flowers during May and June followed by large clusters of bright scarlet berries which remain during the greater part of the Winter. One of the most showy of the berried shrubs. Strong plants, 2 to 3 feet high, $1.00 each.

— **Opulus** (*High Bush Cranberry*). One of the most popular shrubs, bearing clusters of white flowers in June, followed by bright scarlet berries in Autumn, which are very attractive throughout the Winter. Strong plants, 2 feet to 3 feet, 60c. each.

— **Opulus Sterilis** (*Snowball or Guelder Rose*). This is the popular white Snowball, filled with large globes of white flowers in May. Strong plants, 2 feet to 3 feet, 60c. each.

— **Plicatum** (*Japanese Snowball*). A desirable shrub. Should be in every garden or on the lawn; perfectly hardy; blooms in June. Extra fine plants, 2 to 3 feet, 60c. each.

— **Tomentosum.** Distinct from all other varieties of Snowball, both in foliage and flower; the latter are more flat than those of the other varieties and followed by decorative red fruits, changing to black as they ripen. Strong plants, 2 to 3 feet. 60c. each.

We will supply all Shrubs listed at 60c. each, for $6.00 per dozen

VITEX AGNUS CASTUS (*Chaste Tree*). A shrub or small tree, with strong aromatic odor; dense spikes of pale lilac flowers from July to September. Strong plants, 2 feet, 60c. each.

— **Macrophylla.** A graceful and attractive shrub, growing 3 to 4 feet high; producing freely pretty lavender-blue flowers from July until frost. 75c. each.

WEIGELIA—Candida. Flowers abundantly in June and July; additional bloom is also shown during the autumn months. The tube-shaped flowers are pure white; fine for cutting. Plants, 2 to 3 feet, 60c. each.

— **Eva Rathke.** Of erect form and vigorous habit. The deep carmine-red flowers are the best of the red-flowering sorts. 2 to 3 feet, 60c. each.

— **Rosea.** Remarkably showy flower; numerous spreading branches and dark green leaves. The rose-colored blooms are produced in great abundance. 60c. each.

— **Rosea nana variegata.** Silvery variegated leaves and pale pink flowers. 60c. each.

WHITE FRINGE. See Chionanthus.

Weigelia, Eva Rathke

MICHELL'S CHOICE THRIFTY HEDGE PLANTS

NEW RED-LEAVED JAPANESE BARBERRY

It is similar in all respects to the green-leaved Japanese Barberry which is so popular for mixing in the shrubbery border, as single specimens, or for planting in clumps on the lawn, as well as for foundation planting and for hedges, but the foliage of this new variety is of a rich, lustrous, bronzy red, similar to the richest red-leaved Japanese Maples. As the season advances, this new Barberry becomes more brilliant and gorgeous throughout the Summer, and in the Fall its foliage changes to vivid orange, scarlet, and red shades.

All that is required to develop its brilliant coloring at all seasons is that it be planted in full exposure to the sun.

	Each	Doz.	100
Strong, 1-year-old plants, 15 to 18 inches	$0.35	$3.50	$25.00
Strong, 2-year-old plants, 18 to 24 inches	.50	5.00	40.00

BERBERIS THUNBERGII (Japanese Barberry)

A good hardy plant of low dense growth. There is an air of grace and refinement to the Barberry Bush which is not embodied in any other hedge plant. It is a brilliant light green from early Spring to Winter, it should be regarded as a shrub as it can be planted individually in lawn or border. The slender branches are prickly, with small thorns, and tend to make a defensive hedge that few animals will attempt to penetrate. In autumn the foliage is a bright crimson; when it falls a profusion of scarlet berries, which remain throughout the Winter, are revealed on the branches.

Height	Each	Doz.	100
9 to 12 inches	$0.20	$1.50	$10.00
15 to 18 inches	.30	2.50	15.00

BOXWOOD (Dwarf, for Edging)

We have a quantity of dwarf edging, nice bushy stock for edging beds and paths. Boxwood grows into value and adds charm to the garden that no other plant can do.

Height	Doz.	100
4-6 inches	$2.50	$18.00
6-8 inches	3.50	25.00

BUSH SHAPED BOXWOOD

Best adapted for hedge planting. Extra bushy plants.

Height	Each
12 to 15 inches	$1.00
15 to 18 inches	1.50
18 to 24 inches	2.50

TRUEHEDGE COLUMNBERRY

(Berberis Thunbergii Pluriflora Erecta)

Plant Patent No. 110

Many people on seeing Columnberry have mistaken it for Boxwood on account of its formal shape and dense, deep green foliage which is distributed evenly right to the ground. During the Summer the branches become heavily set with berries which turn to a bright scarlet in the Fall and remain during the Winter, making it one of our best berried shrubs. It is absolutely hardy, having withstood 26 degrees below zero last Winter without the slightest damage. We predict a bright future for Truehedge Columnberry as it makes a hedge quickly, requires practically no trimming; it can also be grown into perfect pyramids or box shaped specimens that can be used as formal accent plants; there has long been a real need for a medium priced shrub for such uses.

	Each	Doz.	100
Strong plants, 12 to 15 inches high	$0.50	$5.00	$40.00
Strong plants, 15 to 18 inches high	.75	7.50	60.00

GOLDEN OR VARIEGATED PRIVET

Like the California variety, but each leaf is margined and blotched golden yellow, giving it, from a distance, a striking appearance. We recommend it especially for placing among shrubbery or for planting on the lawn; the contrast between the grass and golden foliage is beautiful. **Bushy Plants,** 30c. each; $3.00 per doz.; per 100, $20.00.

CALIFORNIA PRIVET

The most popular of all Hedge Plants. Being absolutely hardy, it increases in beauty with each successive year. Plants should be set 12 inches apart in double rows, in zig-zag fashion, so that the plants are diagonally opposite each other; this practically places them 6 inches apart, which is desirable to get a quick, dense growth. Plant from October 15th till the ground freezes, and from March 15th to May 15th.

Height	Doz.	100	1000
1 year old, 18 to 24 inches	$1.25	$6.00	$50.00
2 year old, 24 to 30 inches	1.50	8.00	70.00
2 year old, 30 to 36 inches	2.00	10.00	90.00

Privet plants are best shipped via express.

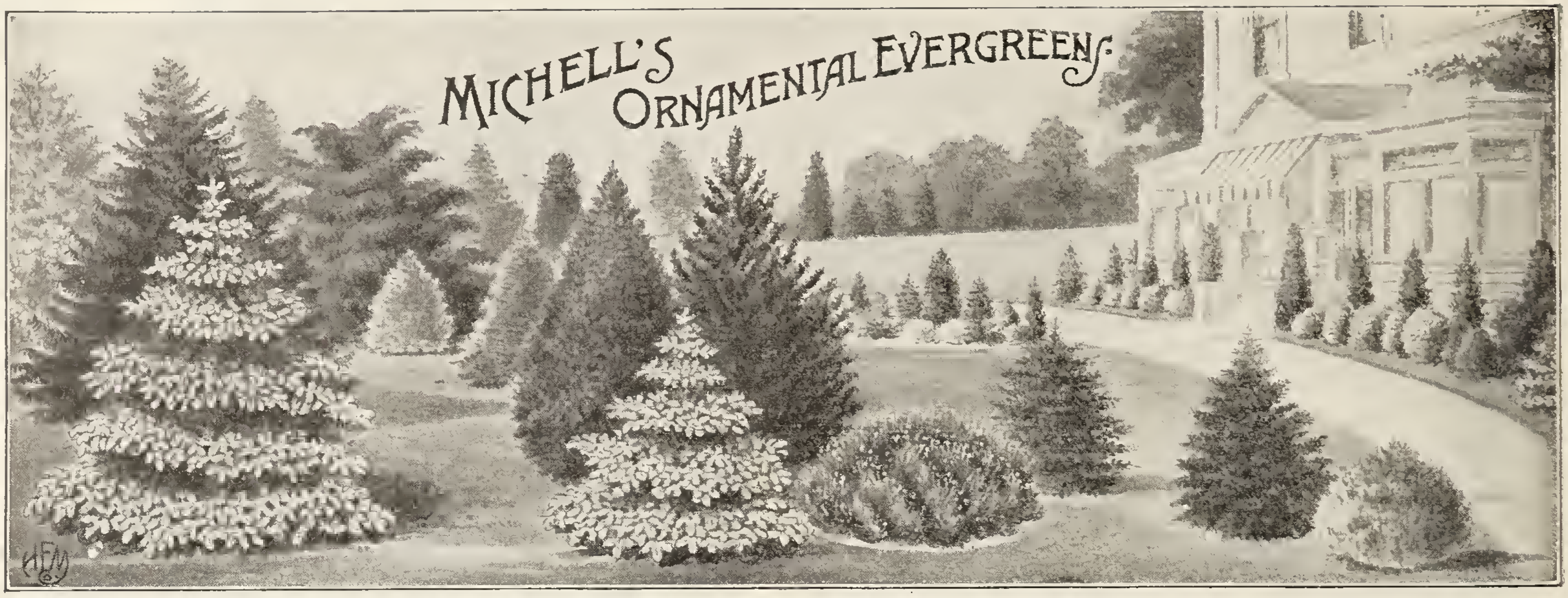
HYDRANGEA HORTENSIS

Otaksa. This is the old-fashioned favorite Japanese variety that usually flowers pink, and is the ideal variety for planting extensively at the seashore.

4-inch Pot Plants, 50c. each; $5.00 per doz.

6-inch Pot Plants, $1.00 each; doz., $10.00.

Berberis Thunbergii makes a most attractive hedge with its scarlet berries in the Winter (wn)



This list includes the varieties mostly in demand. We can furnish all other sorts.

BIOTA—Aurea Nana (*Berckmans Golden Arborvitae*). 2½ to 3 feet. A gem for dwarf planting; compact, roundish shape; warm golden-yellow foliage. Plants 12 to 15 inches high, $1.50 each; 15 to 18 inches high, $2.00 each.

CHAMAECYPARIS Plumosa Aurea (*Golden Plume Cypress*). 20 to 25 feet. Similar to the above but golden-yellow in color. Plants 18 to 24 inches high, $1.50 each; 2 to 2½ feet high, $2.00 each.

— Squarrosa Veitchi (*Moss Cypress*). 25 to 30 feet. Foliage blue-gray, feathery and dense, giving a soft wooly appearance; broad pyramidal outline. Plants 18 to 24 inches high, $2.00 each; 2 to 2½ feet high, $2.50 each.

CRYPTOMERIA Japonica Lobbi (*Japanese Temple Tree*), 15 to 20 feet. Forms a narrow irregular column, compact and picturesque, rich bronze Winter color. Prefers a moist but well drained location. Plants 2 to 3 feet high, $2.50 each; 3 to 4 feet high, $5.00 each.

JAPANESE MAPLE. See Acer Palmatum Atropurpureum, page 135.

JUNIPERUS Chinensis Pfitzeriana (*Pfitzer Juniper*), 5 to 6 feet. Broad bushy habit, gray-green foliage, giving a feathery appearance. A hardy adaptable Evergreen, especially for foundation planting. Plants 15 to 18 inches high, $1.50 each; 18 to 24 inches high, $2.00 each.

— Excelsa Stricta (*Spiny Greek Juniper*), 4 to 5 feet. Combines regularity of shape, beauty of coloring, hardiness and rather slow growth. Steel blue foliage. Plants 15 to 18 inches high, $1.50 each; 18 to 24 inches high, $2.00 each.

— Hibernica (*Irish Juniper*), 7 to 8 feet. A slender Evergreen of bluish-green color, spire-like in effect. Plants 2 to 2½ feet high, $1.50; 2½ to 3 feet high, $2.00 each.

— Sabina (*Savin Juniper*), 6 to 7 feet. Dense dark green foliage, spreading branches, forming an irregular vase-shaped plant. Plants 15 to 18 inches high, $1.50 each; 18 to 24 inches high, $2.50 each.

— Squamata Meyeri (*Myer Juniper*), 3 to 4 feet. Beautiful deep blue foliage; particularly suitable for rockery or low foreground planting. Plants 12 to 15 inches high, $2.00 each; 15 to 18 inches high, $3.00 each.

— Virginiana Glauca (*Silver Blue Cedar*), 15 to 20 feet. Forms a dense column of beautiful steel-blue foliage; useful in formal or mixed plantings where height is desired. Plants 18 to 24 inches high, $2.00 each; 2½ to 3 feet, $3.00 each.

MAGNOLIA SOULANGEANA. See page 135.

The figures following each variety, indicate in feet the approximate height of that plant when mature; it must be understood, however, that it takes a great many years to attain this height.

PICEA Pungens (*Colorado Spruce*), 60 to 80 feet. The native Spruce of Colorado; bluish-green color and very hardy. Makes a handsome lawn specimen. Plants 18 to 24 inches high, $1.50 each; 2 to 2½ feet high, $2.50 each.

— — Glauca (*Colorado Blue Spruce*), 60 to 80 feet. Similar to the above but of a pleasing blue color. Selected plants, 18 to 24 inches high, $4.00 each.

— — Kosteri (*Koster's Blue Spruce*), 60 to 80 feet. The aristocrat of the Evergreen family; by far the most shapely of the Spruces and the truest, most persistent blue of any known tree; very scarce. Plants 15 to 18 inches high, $4.00 each; 18 to 24 inches high, $6.00 each.

PINUS—Montana Mughus (*Mugho Pine*), 2 to 3 feet. Compact dwarf Pine, forming a round-topped clump. Useful for rock planting and foundation work. Plants 12 to 15 inches high, $1.75 each.

— Nigra Austriaca (*Austrian Pine*), 60 to 70 feet. A vigorous and dense grower with rich dark green foliage. Plants 18 to 24 inches high, $2.00 each; 2 to 3 feet high, $3.00 each.

TAXUS—Baccata Repandens (*Spreading English Yew*), 18 to 24 inches. Spreading horizontal branches, dark blue green foliage. Valuable for low planting. Plants 15 to 18 inches high, $2.00 each.

— Capitata (*Upright Japanese Yew*), 25 to 40 feet. Evergreen, the upright type of Taxus Cuspidata. Plants 1½ to 2 feet high, $2.50 each; 2 to 2½ feet high, $3.50 each.

— Cuspidata (*Spreading Japanese Yew*), 4 to 5 feet. This is one of the hardiest Evergreens in cultivation, with very dark green foliage and spreading bushy habit. Plants 15 to 18 inches high, $1.50 each; 18 to 24 inches high, $2.50 each.

— — Nana (*Dwarf Japanese Yew*), 2 to 3 feet. One of the hardiest of the dwarf Evergreens, foliage similar to the above but slower of growth and more compact. Plants 12 to 15 inches high, $2.00 each; 15 to 18 inches high, $3.00 each.

THUYA—Occidentalis Globosa (*Globe Arborvitae*), 2½ to 3 feet. Natural globe-shaped Evergreen, very good for formal and foundation work. Plants 12 to 15 inches high, $1.00 each; 15 to 18 inches high, $1.50 each.

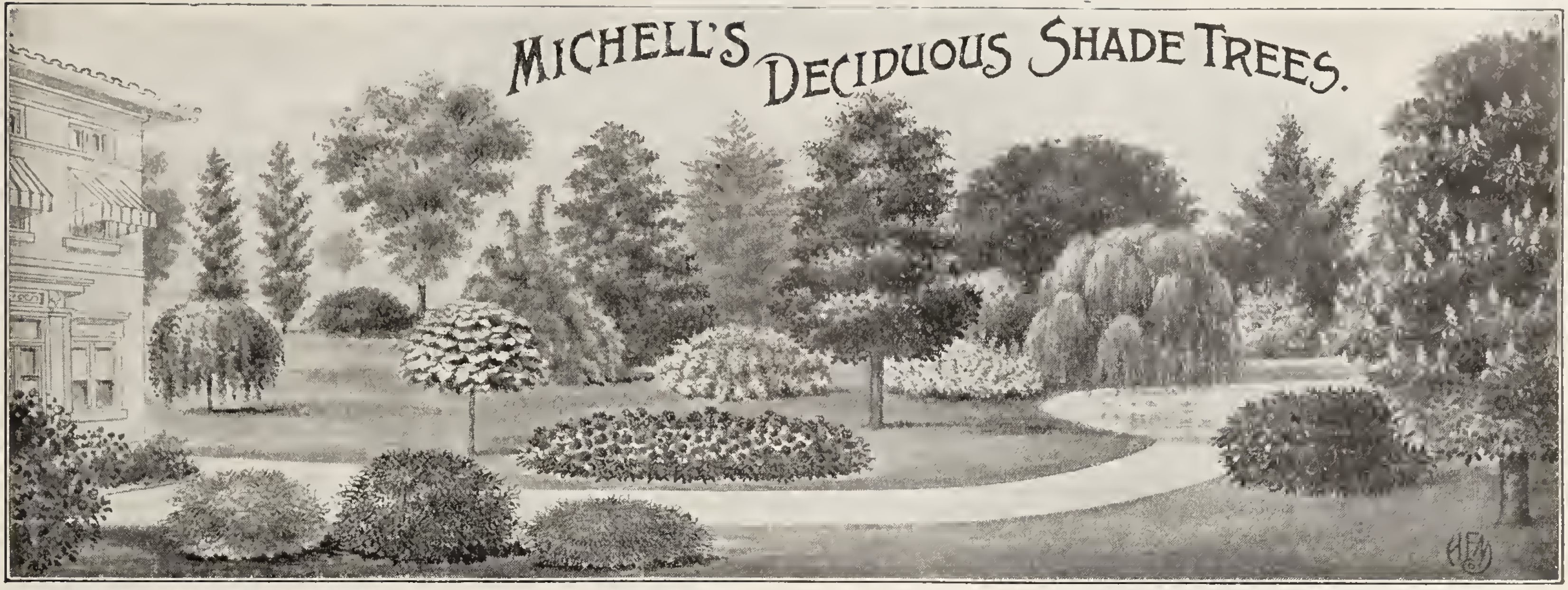
— — Pyramidalis (*Pyramidal Arborvitae*), 15 to 30 feet. Narrow columnar shape retaining its bright green color throughout the Winter. Splendid for accents or formal planting. Plants 2 to 2½ feet high, $1.50 each; 3 to 4 feet high, $2.50 each.

TSUGA—Canadensis (*Canada Hemlock*), 75 to 90 feet. One of the most graceful and attractive native Evergreens. The spreading horizontal branches of finely cut foliage make this a most adaptable tree either for hedges or informal planting. Plants 18 to 24 inches high, $1.50 each; 2 to 2½ feet high, $2.00 each.

All of our Evergreens are balled and burlapped

(wn)

MICHELL'S DECIDUOUS SHADE TREES.



This list includes the varieties mostly in demand. We can furnish all other sorts.

ACER—DASYCARPUM (*Silver Maple*), 60 to 80 feet. Quick growing, graceful shade tree, leaves silvery underneath. Trees 8 to 10 feet high, $1.50 each.

— **PALMATUM ATROPURPUREUM** (*Purpleleaf Japanese Maple*), 6 to 8 feet. Rounded dwarf trees, with foliage of unrivaled brilliancy. Their early and mid-summer aspect is vivid blood-red, which dulls to a bronzy purple-red towards Fall. The plants we offer are grafted from the finest strain imported, being carefully selected for rich, constant color. Strong plants, 12 to 15 inches high, $1.50 each; 15 to 18 inches high, $2.50 each.

— **PLATANOIDES** (*Norway Maple*), 50 to 75 feet. The Norway Maple makes the roundest head; is colored the deepest, coolest green and furnishes the densest shade of the entire list of good trees. Very hardy. Trees 6 to 8 feet high, $2.50 each; 8 to 10 feet high, $3.00 each.

— **SCHWEDLERI** (*Schwedler Maple*), 40 to 60 feet. The "Purple Norway" Maple's beautiful leaves attract attention at all seasons, but are especially fine in Spring when their gleaming red and purple contrasts brightly with the delicate green of other trees. Trees 6 to 8 feet high, $3.00 each.

— **RUBRUM** (*Red Maple*), 50 to 75 feet. A large tree with spreading branches. The earliest Maple to bloom, its beautiful red flowers appearing in late Winter. In the Fall its leaves turn to the most beautiful shades of red and scarlet. Trees 6 to 8 feet high, $2.50 each; 8 to 10 feet high, $3.00 each.

— **SACCHARUM** (*Sugar Maple*), 50 to 75 feet. This tree is chieftain of its clan; straight, spreading, symmetrical, of grand proportions and very long lived. It grows well in all except damp, soggy soils and roots deeply, allowing the grass to grow close. Very rich Autumn coloring. Trees 6 to 8 feet high, $2.50 each; 8 to 10 feet high, $3.00 each.

ELM. See Ulmus.

FAGUS-SYLVATICA PURPUREA (*Purple or Copper Beech*), 60 to 75 feet. An effective tree for individual planting and color contrast. Develops into a fine specimen with the lower branches sweeping the ground. Plants 18 to 24 inches high, $4.50 each; 2 to 3 feet high, $6.00 each.

LINDEN. See Tilia.

MAGNOLIA—SOULANGEANA (*Saucer Magnolia*), 15 to 18 feet. A hardy Chinese species which, while shrub-like in its young growth, attains the size of a tree in time. Flowers are produced early in the Spring, cup-shaped, 3 to 5 inches in diameter, white inside, flushed with purple on the outside. Bushy plants 2 to 3 feet high, $2.50 each.

— **STELLATA** (*Star Magnolia*), 8 to 10 feet. A pretty dwarf form that opens its snowy, star-like flowers in April; earlier than any other Magnolia; the fragrance is pronounced and delicate. Bushy plants 2 to 2½ feet high, $4.00 each.

MAPLE. See Acer.

MORUS—ALBA PENDULA (*Weeping Mulberry*). The most popular small "weeping" tree. Forms a most perfect round tent-shaped head, with slender leaf-studded branches drooping to the ground. Trees with 2 year heads, $2.00 each.

MOUNTAIN ASH. See Sorbus.

SPECIAL NOTICE ON GUARANTEE

We spare no effort to supply trees, plants and shrubs of the best quality in first-class living condition. On account of the many causes beyond our control we regret we cannot guarantee this stock to live and establish itself, as that is usually entirely within the power of the buyer or planter. If customers desire us to guarantee plants, trees and shrubs to live we will assume such guarantee at an advance of 25 per cent, over and above our usual price, but not otherwise, and such guarantee will expire within 90 days from date of shipping.

MULBERRY. See Morus.

OAK. See Quercus.

PLATANUS—ORIENTALIS (*Oriental Plane*), 70 to 80 feet. A good tree for Park and Street planting; grows quickly and withstands smoky city conditions. Trees 6 to 8 feet high, $1.50 each; 8 to 10 feet high, $2.00 each.

POPLAR. See Populus.

POPULUS—BOLLEANA (*Bolleana Poplar*), 50 to 60 feet. Tall spire-like character, valued for landscape work and screens. Leaves white underneath, creating an attractive flashing effect when stirred by the wind. Trees 8 to 10 feet high, $2.00 each.

— **NIGRA ITALICA** (*Lombardy Poplar*), 60 to 80 feet. Similar to the above with foliage green on both sides. Trees 8 to 10 feet high, $1.50 each.

PRUNUS—SUBHIRTELLA PENDULA (*Weeping Japanese Cherry*), 12 to 15 feet. A most beautiful and graceful tree, covered with single pink blossoms very early in the Spring. Strong plants, 5 to 6 foot stems, 2 year heads, $5.00 each.

PURPLE BEECH. See Fagus.

QUERCUS—COCCINEA (*Scarlet Oak*), 75 to 90 feet. Most striking Autumn colors; tall, stately grower, deeply cut leaves. Trees 6 to 8 feet high, $5.00 each.

— **PALUSTRIS** (*Pin Oak*), 75 to 90 feet. Takes most kindly to cultivation, prefers moist soil but is very adaptable. A very good tree for street planting, highly colored in the Autumn. Trees 6 to 8 feet high, $2.00 each.

— **RUBRA** (*Red Oak*), 75 to 90 feet. A comparatively quick grower; the young shoots and leaf stems are red with purplish crimson foliage in the Autumn. Trees 5 to 6 feet high, $3.00 each.

SALIX BABYLONICA (*Babylon Weeping Willow*), 50 to 60 feet. Particularly appropriate for water side planting with its long pendulous branches. Trees 4 to 6 feet high, $2.00 each.

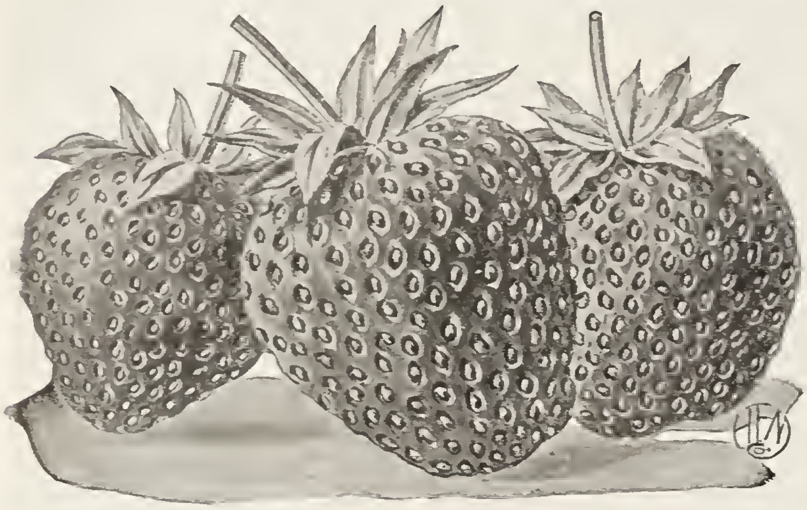
SORBUS—AUCUPARIA (*European Mountain Ash*), 25 to 30 feet. A valuable tree on a small lawn, the scarlet berries are quite striking. Trees 6 to 8 feet high, $3.00 each.

TILIA—AMERICANA (*American Linden*), 75 to 90 feet. A stately tree, with large shining cordate leaves. Valuable for its beautiful white wood. Fragrant yellow flowers in July. Trees 6 to 8 feet high, $1.50 each.

— **VULGARIS** (*European Small Leaf Linden*), 70 to 90 feet. In late June the fragrant flowers are noticeable; grows symmetrical and compact. Trees 6 to 8 feet high, $3.00 each.

ULMUS AMERICANA (*American Elm*), 80 to 100 feet. Stateliness and dignity are here exemplified. Fairly rapid in growth, this typical American tree soon assumes regal proportions and commands respect of all who look upon it. Trees 8 to 10 feet high, $1.50 each.

WILLOW. See Salix.



Mastodon Everbearing Wonder Strawberry

BLACKBERRIES (Extra Strong Plants)

Eldorado. Remarkably strong grower. An enormous producer of extra size berries, which are brilliant black and retain their color under all conditions; very sweet and without core.

Ward. An extra strong grower; produces an enormous crop of extra large, glossy blackberries, which are rich, sweet and tender and with no hard core.

Price of Blackberries, $1.00 per doz.; per 100, $8.00.

RASPBERRIES (Extra Strong Plants)

Cumberland *(Blackcap)*. The largest raspberry known; selected specimens measure an inch in diameter.

Cuthbert. Berries very large, measuring 3 inches around; conical, rich crimson; one of the old-time favorites.

Latham. The finest red raspberry to date; more productive than any other variety. The berries are very large, bright red and of wonderful flavor.

Ranere Everbearing. The fruit is of good size and of excellent flavor, in fact there is no good quality any of the regular varieties of raspberries possess that is lacking in Ranere, brilliant red.

Price, any of the above, strong plants, $1.00 per doz.; per 100, $8.00.

GRAPE VINES

Caco. The most delicious of all Grapes and perfectly hardy; red; bunch of good size, compact and of good form. Ripens in ten days to two weeks in advance of Concord; rich in sugar, excellent in flavor. Vine a very strong, vigorous grower, healthy and prolific. 50c. each; per doz., $5.00.

Campbell's Early. A valuable and delicious grape; vine very strong, hardy and vigorous; berries large, black with light purplish bloom; flavor rich and delicious.

Catawba. Delicious flavor; medium size, red berry.

Champagne. A sterling variety of great merit. Color a coppery red. Berries very large. Immense producer. Seasons in which other varieties did not fruit, this variety stood out, bearing an immense crop. Very strong grower. 50c. each; doz., $5.00.

Concord. The well-known standard purple variety; succeeds wherever grapes will grow.

Delaware. Bunches and berries are small but compactly set, light red with violet bloom; sugary and delicious. A favorite dessert grape and one of the earliest to ripen.

Moore's Diamond. A strong, healthy grower; hardy and productive; color, white; berries large, flesh tender, juicy, but with little pulp; ripens before Concord.

Niagara. An unusually strong grower; bunches very large and compact; berries large, light greenish-white, semi-transparent; has very little pulp and is sweet to the center.

Price, any of the above, excepting Caco and Champagne, 2-year-old vines, 30c. each; per doz., $3.00; $20.00 per 100.

STRAWBERRY PLANTS

TWO NEW EARLY STRAWBERRIES

FAIRFAX AND DORSETT

These two new varieties were developed by scientists in the U. S. Dept. of Agriculture and were selected from thousands of seedlings as being outstanding in quality, vigor, productiveness, size and appearance. Stock of these two varieties is limited and we suggest that you place your order early for delivery at the proper time as they are sure to be sold out before the end of the season.

Dorsett. No other berry, except Fairfax, has the fine dessert quality of Dorsett. This quality is probably taken from the English variety Royal Sovereign, which is one of its parents. There are some differences of opinion as to whether Dorsett or Fairfax is of the better quality, but all are unanimous that these two varieties stand head and shoulders above all others. Dorsett berries average very large in size, are firm and rather light in color, while the flavor leaves nothing to be desired. The berries are beautiful in appearance; the light color, bright green cap, large size and attractive shape make them very desirable and should appeal to every grower of Strawberries. Once tasted this appeal becomes doubly strong.

Fairfax. No other berry, except Dorsett, can equal Fairfax in quality. It probably takes this outstanding quality from the Royal Sovereign parentage, which has been famous in England for years; it is impossible to describe it; to be appreciated it must be tasted. Fairfax berries average very large and firm and picked at the proper time are a bright red with a light green cap; as they become riper they become darker and then very dark red; they maintain their firmness and flavor even after they become very dark.

Price of the above two new varieties, 25 for $1.00; 50 for $1.50; 100 for $2.50; $15.00 per 1000.

STANDARD EARLY VARIETIES

Premier *(Perfect)*. Enormously productive, commencing early and bearing through a long season, the flavor is delicious.

Senator Dunlap *(Perfect)*. This grand Strawberry will please the most critical person. One of the first to yield and continues well into the height of the season.

MID-SEASON VARIETIES

Big Joe *(Perfect)*. The merits of this splendid variety are great vigor of plant, splendid root system, exceptional productiveness, large size of fruit, excellent flavor and length of bearing season.

LATE SEASON VARIETIES

Chesapeake *(Perfect)*. The berries are handsome in appearance because of their large size, rich color, glossy surface, uniform shape and bright green cap.

Gandy's Prize *(Perfect)*. One of the best late sorts, very large, solid and of a beautiful crimson color; especially good for family garden planting.

William Belt *(Perfect)*. The plant is vigorous, though not a rampant grower; succeeds on all soils, invariably yields heavily, and continues for a long period; the berries are always of large size and highest quality; deep crimson in color and very firm.

Price of the above in layer plants, 25 for 75c.; $1.00 for 50; 100 for $1.50; $10.00 per 1000.

AUTUMN FRUITING, OR EVER-BEARING STRAWBERRY PLANTS

Mastodon. This is unquestionably the most prolific of ever-bearing varieties. Bears continuously from June till frost, the late bearing fruits being as large as the early crop; berries are of excellent quality. Price, layer plants, 25 for $1.00; $1.50 for 50; per 100, $2.50; $15.00 per 1000.

SPECIAL NOTICE ON GUARANTEE

We spare no effort to supply trees of the best quality in first-class living condition. On account of the many causes beyond our control we regret we cannot guarantee this stock to live and establish itself, as that is usually entirely within the power of the buyer or planter.

Fruit trees are best shipped by express; they cannot be sent via parcel post as they are too large, and shipment via freight is not safe.

APPLES

Baldwin. Large round, deep red, late variety.

Delicious. A good late variety with rosy-red fruit of good size, truly delicious.

Early Harvest. Medium size; early; green and red; very sweet.

Fall Pippin. Large, yellow, rich and delicious. A good bearer when it reaches maturity. Likes a moist, well-drained soil; a good Autumn apple.

Grimes Golden. Late; good size; yellow and of fine flavor.

Red Astrachan. An old popular variety; tart, juicy; flesh tinged with red; very early.

Rome Beauty. Late; yellow shaded red; solid and juicy.

Stayman's Winesap. The best winter variety; large; prolific; juicy, semi-sweet; fine for eating and cooking.

Wealthy. Late; round red; sweet and a good keeper.

Yellow Transparent. Early and desirable; good color; juicy and semi-sweet.

CRAB APPLES

Hyslop Crab. Large round fruit; deep red; the best variety for jelly; September.

Price of Apple trees, 4 to 5 feet high, $1.50 each, $15.00 per doz.

APRICOTS

As fresh fruit few varieties equal in lusciousness the apricot; should be planted more generally where there is room for trees.

Early Golden. Orange yellow with faint blush; firm, coarse flesh, one of the best

Price of Apricot Trees: $1.50 each; $15.00 per dozen.

CHERRIES

Black Tartarian (*Sweet*). Very large; black; rich and juicy.

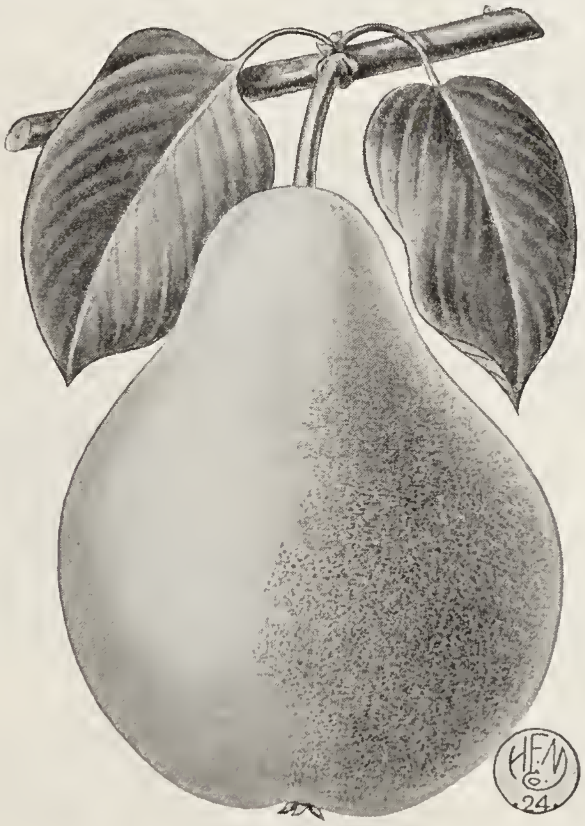
Early Richmond (*Sour*). An early variety; medium sized, dark red fruit; early June.

Montmorency (*Sour*). Quite large, dark red fruit; about 10 days later than the Richmond variety.

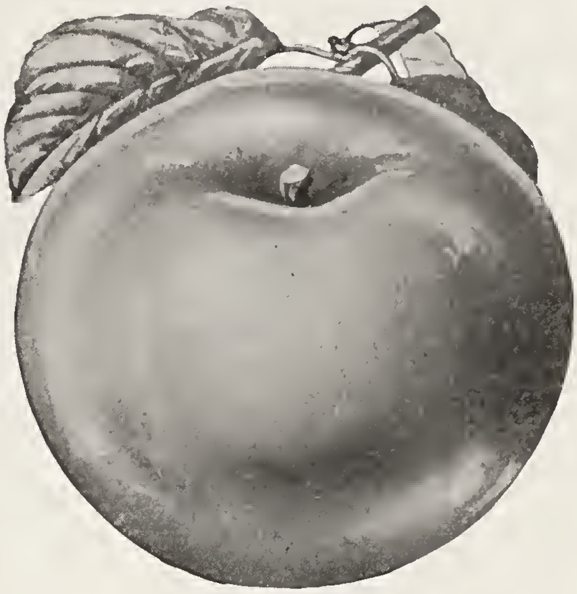
Napoleon (*Royal Ann*). The best and most profitable yellow sweet cherry. Flesh very firm, juicy and delicious.

Schmidt (*Sweet*). Very large, deep black, flesh dark and sweet; very productive. July.

Price of Cherry Trees, 5 to 6 feet high, $1.50 each; $15.00 per doz.



Bartlett Pear



Wealthy Apple

PEACHES

Belle of Georgia. White, red cheek; flesh white; good flavor; freestone. September.

Carmen. Early; white, red blush; juicy and of good flavor. Early August.

Champion. A large, handsome early variety; white, red cheek; sweet and juicy. August.

Elberta. The standard market variety; flesh yellow, juicy and of high quality; large size and a heavy bearer. September 15th.

Golden Jubilee (*New*). Resembles Elberta; skin yellow with red flush; flesh golden yellow, juicy and sweet; freestone. Early August.

J. H. Hale. Larger than Elberta; wonderful flavor; deep yellow with carmine blush; stands shipping; ripens about September 10.

Salway. Large deep yellow; sweet and juicy. October.

Price of Peach Trees, 3½ to 4 feet, $1.00 each; $10.00 per doz.

PEARS

SUMMER VARIETIES

Bartlett. An old favorite; juicy, well flavored and a good bearer. August.

Clapps Favorite. A fine large variety; yellow stained red; fine grained. August.

FALL VARIETIES

Anjou. Fruit large and handsome; yellow with red blush; good flavor and late keeper. October.

Duchess. Large size; buttery, rich and juicy; a good standard variety; splendid keeper. October.

Kieffer. Late; good keeper; rather coarse grained but when well ripened is good for both eating and preserving. October.

Seckel. A well known variety; small; dark brown color; very sweet and juicy. October.

Price of Pear Trees, 5 to 6 feet high, $1.50 each; $15.00 per doz.

PLUMS

Abundance. A very productive, large variety; color a light cherry red; good quality. August.

Burbank. Fruit round; heavy bearer; color cherry red with lilac bloom. September.

Diamond. Fruit of enormous size; dark purple with a beautiful bloom. September.

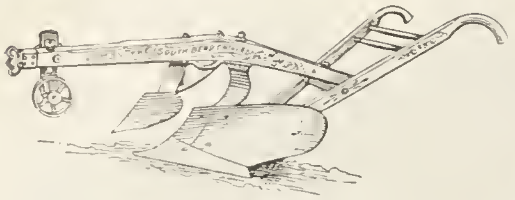
Green Gage. Large size; sweet and of good flavor; greenish color; an excellent variety. September.

Price of Plum Trees 5 to 6 feet high, $1.50 each; $15.00 per doz.

QUINCES

Orange. Large, golden color; good quality; prefers low, well drained soil; excellent for jellying with apples; dwarf grower.

Price of Quince Trees, 4 to 5 feet high, $1.50 each; $15.00 per doz.



SOUTH BEND PLOWS

For garden, farm or trucker's work; made of chilled steel in various sizes.

No.	Description	Price
No. 1B.	Wood beam plain; for 1 horse	$12.00
No. 2F.	Wood beam plain; for 1 heavy or 2 light horses	14.50
No. 3F.	Wood beam plain; for 2 horses	18.50

The prices above are for plain plows with clevis only.

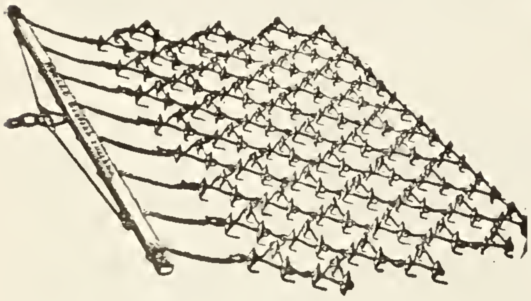
The No. 3 Plow can be equipped with wheel and jointer at the following additional cost; wheel only, $2.00; jointer only, $3.75. The Nos. 1 and 2 are too light for wheel and jointer.

SOUTH BEND PLOW PARTS

	Shares	Mouldboards	Beams
No. 1B	$0.50	$2.25	$2.55
No. 2F	.55	3.25	2.85
No. 3F	.65	4.25	3.20
No. 4F	.70	4.60	3.80
	Complete Handles	Jointer-points	Land-sides
No. 1B	$2.05		$0.75
No. 2F	2.25		1.00
No. 3F	2.50	$0.30	1.25
No. 4F	2.75	.30	1.35

SINGLE AND DOUBLE TREES

No.		Price
11	Wood Single Trees, 26-inch	$1.50
10	Wood Single Trees, 28-inch	1.60
2	Wood Double Trees, heavy, 36-inch	5.00
3	Steel Single Trees, 26-inch	1.75
1	Steel Double Trees, 34-inch	5.50



SCOTCH CHAIN HARROW

One of the best implements for pulverizing the surface soil, leveling and smoothing; also splendid for covering grass seed, etc.

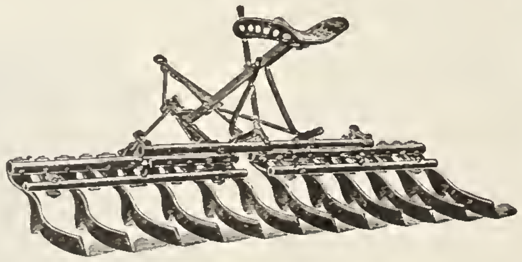
No.	Size	Weight	Price
FH½R	One-horse size, 5 x 6 ft.	143 lbs.	$35.00
FH2R.	Medium two-horse size, 6 x 7¾ ft.	257 lbs.	48.00
FH3R.	Full two-horse size, 9 x 11 ft.	380 lbs.	60.00

GARDENER'S SPIKE TOOTH HARROW

Though old-fashioned in appearance and construction this harrow is still preferred by many; fitted with runners, upon which it may be turned to take it from place to place.

24 teeth.....$12.50 | 32 teeth....$13.50

See illustration opposite.

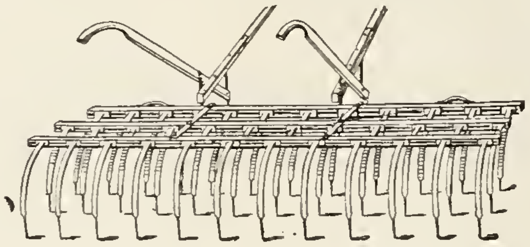


ACME PULVERIZING HARROW

This will be found by those having a large acreage an indispensable implement for pulverizing and crushing the ground.

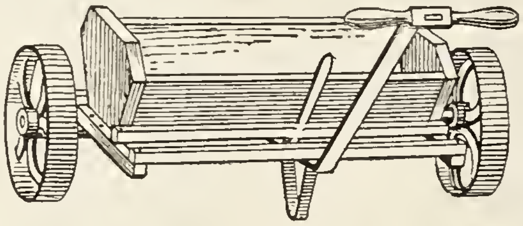
No.		Price
12F.	6 ft. covering area, 2-horse	$35.00
G.	3 ft. covering area, 1-horse	18.00

Extra blades or coulters, $1.00 each.



THE KEYSTONE WEEDER

This weeder can be adjusted to cover a 7½-ft. stretch. Any of the teeth can be easily removed, if it is desired not to cultivate very finely. Excellent for preparing a piece of ground prior to sowing lawn seed, etc. Equipped for one horse. Price, $16.50. (Extra teeth, 40c. each.)

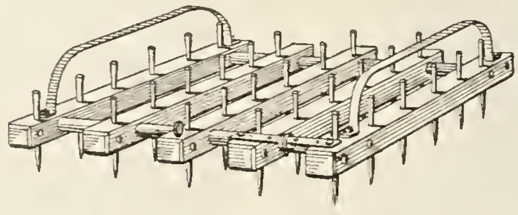


STEVENS FERTILIZER DISTRIBUTOR

For distributing bone meal, wood ashes and other commercial fertilizers on fields, lawns, golf courses, etc., also for sanding putting greens. Insures perfect and even distribution.

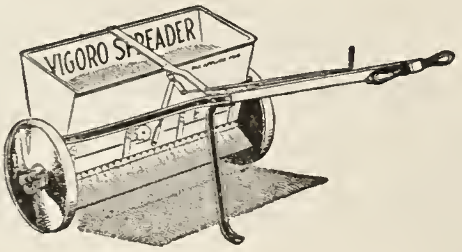
Hand Machine. Holds about 2 bu.; covering area 3 feet wide. Price, $25.00.

Horse Machine. For use on large lawns, fields and golf grounds. Furnished equipped for either one or two horses as may be desired.
5 foot, 10-inch spreading area, $70.00.
8 foot, 3-inch spreading area, 75.00.



Gardener's Spike Tooth Harrow

See left hand column.



VIGORO SPREADER

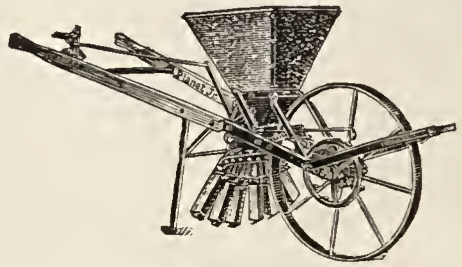
The Vigoro Spreader was developed for the purpose of applying fertilizers in flower beds and vegetable gardens before seeds are sown or plants set out, and to sow grass seeds, top-dress lawns with sand or other dry materials and for many other purposes. Adjustments can be made so as to regulate the quantity desired to be applied.

New Model. 14-inch spreading area; capacity, 13 lbs. Price, $2.70.

Junior. 16-inch spreading area; capacity, 30 lbs. Price, $5.60.

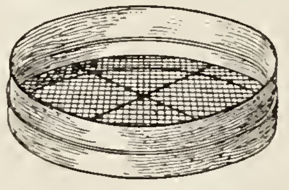
Standard. 24-inch spreading area; capacity, 65 lbs. Price, $10.55.

Special. 36-inch spreading area; capacity, 125 lbs. Price, $17.25.



PLANET JR. FERTILIZER DISTRIBUTOR No. 220

This will distribute in the middles of three rows up to 14 inches apart or will side dress one side each of two rows up to 36 inches. Special gates are furnished to permit distribution through only the two middle spouts or two or three spouts on either right or left hand side. Quantity of fertilizer can be accurately regulated from 200 to 2,000 pounds per acre. Price, $26.00.



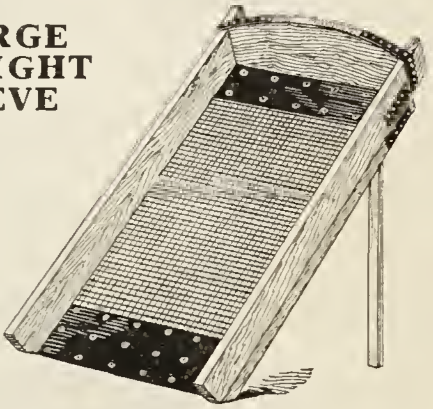
SIEVES

(Any Size Mesh)

Made extra well.

	Each	By P.P. Each
18-inch Steel (Heavy)	$1.75	$1.95
18-inch Galvanized wire	1.75	1.95

LARGE UPRIGHT SIEVE



For soil, gravel, sand, etc. Made in any size mesh, of extra heavy grade foundry wire. $17.50 each.

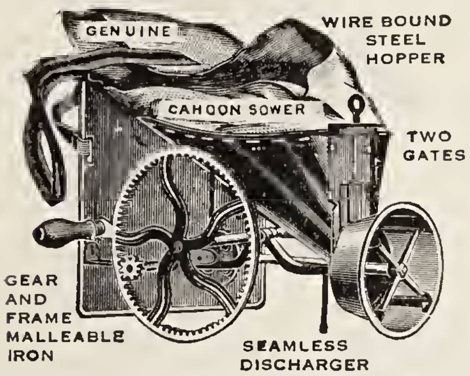
No. 106, Seeder

WHEELBARROW GRASS SEEDER

A practical machine for use on the Farm and also for sowing Parks and Golf Grounds; quickly regulated to sow different quantities per acre. The distributing box is very near the ground, which is an important feature, preventing the seed from blowing away and thus coming up unevenly.

No. 9. Sows a width 14 feet. Price, $19.00.

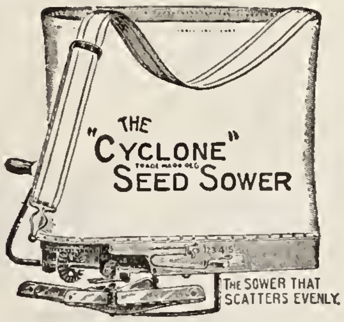
No. 106. Sows a width 10 feet; developed especially for seeding golf courses, parks and country estates. Price, $21.00.

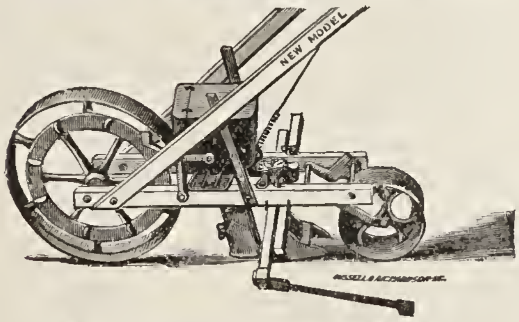


BROADCAST SEED SOWERS

For accurately sowing Timothy, Clovers, Millets and heavy seeds of grass and other farm crops. Can be regulated to sow any required quantity per acre.

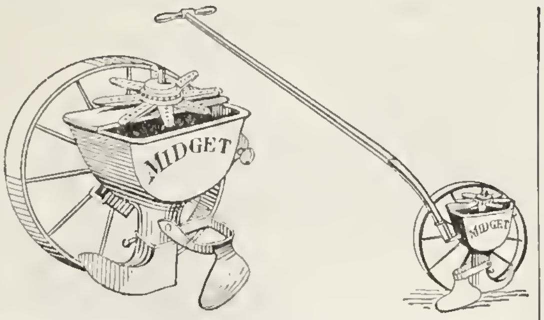
	Each
Cahoon	$5.50
Cyclone	2.75


THE "CYCLONE" SEED SOWER
THE SOWER THAT SCATTERS EVENLY



MODEL SEED DRILL

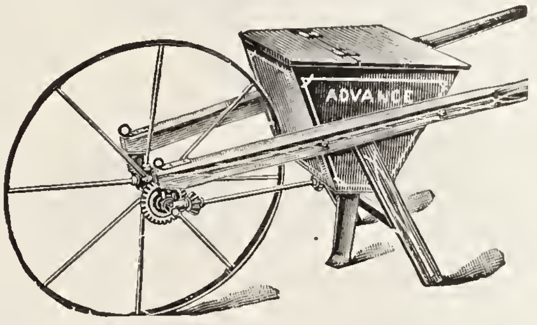
The depth of sowing can be easily regulated. A typical market gardener's drill, having a large capacity for seeds. Price, $11.50.



THE MIDGET SEED DRILL

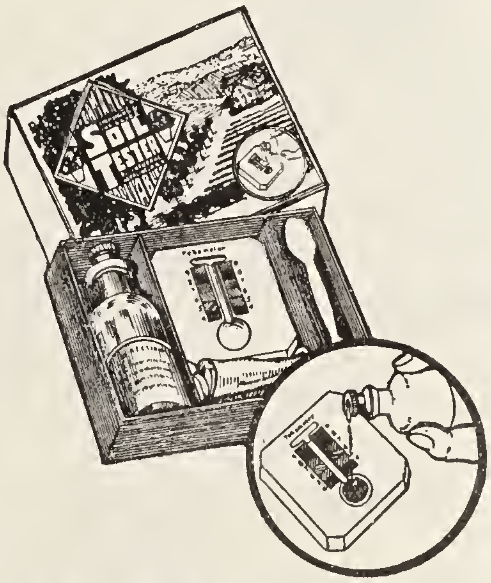
The Midget Seeder will pay for itself in a short time, because it saves seed by sowing accurately. It drills almost any kind of garden seed, including peas and beans. The Midget opens the furrow, sows the seed and covers up, all in one operation. Weight, 6 pounds.

No. 1. Price, without handle, $4.00; with handle, $4.50.



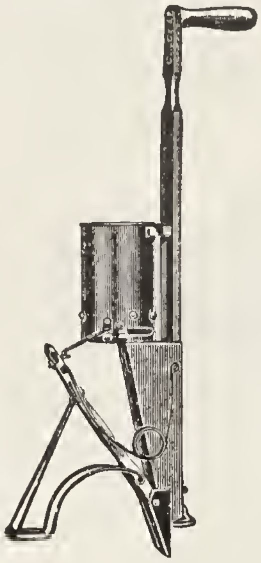
"ADVANCE" DRILL

A splendid machine for drilling in fertilizer prior to planting, or between the rows to stimulate growth, after the plants are started. A shut-off, to prevent the escape of fertilizer when wheeling around end of row, is a late improvement. First-class for drilling of peas, beans, corn, etc. Price, $20.00.



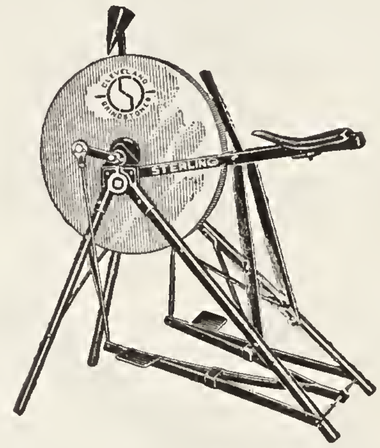
HELLIGE SOIL TESTER

This is especially intended for use by farmers, gardeners and flower growers, for the correct determination of the soil reaction and will be found very useful as a range finder in the laboratory and handy to carry in the pocket on excursions or field trips; a special solution, "Hellige Soil Indicator," is supplied with the outfit and covers the very acid to strongly alkaline range. Price, $3.00, with Hellige Soil Handbook, $3.75.



AMERICAN HAND CORN PLANTER

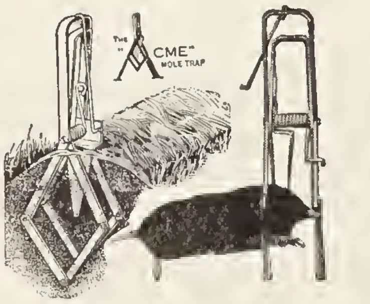
A great seed economizer and labor saver. Easily operated; works in all kinds and conditions of soil; accurate and reliable. Price, $3.50.



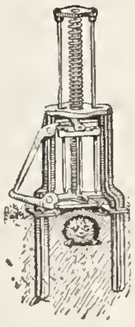
STERLING MOUNTED GRINDSTONE

Substantially made; heavy steel frame with seat and double treadles; fitted with improved ball bearings of the very best quality, encased so they will keep clean. Stone, 19 to 22 inches diameter, 1¾ to 2¼ inches thick. Weight, 100 pounds.

Shipped knocked down, crated. Price, $12.00.



Acme



Olmstead

MOLE TRAPS

For catching moles that ruin lawns and damage the contents of hotbeds and cold frames. Moles move usually about 5 A. M. and 5 P. M., so that traps should be set for that period. See illustrations above.

Acme. Safe, sure, easily set; the most efficient mole trap on the market. Price, $2.00 (by P. P., $2.25).

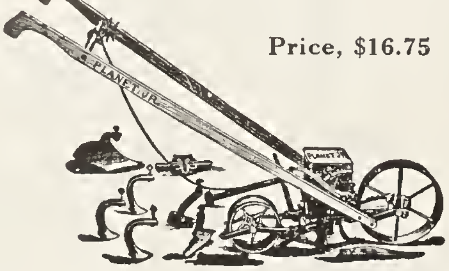
Olmstead .... $2.00 (by P. P., $2.25)

Reddick .... 1.25 (by P. P., 1.50)

PLANET JR. SEEDERS, WHEEL HOES, ETC.

No. 4 PLANET JR. HILL AND DRILL SEEDER, WHEEL HOE, CULTIVATOR AND PLOW

Price, $16.75

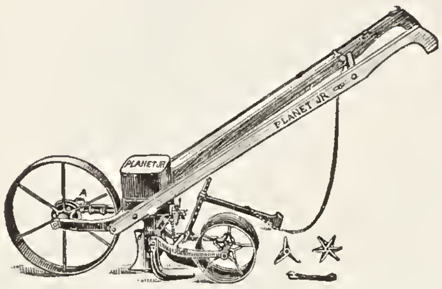


The No. 4 sows practically all vegetable seeds in drills or drops in hills 4, 6, 8, 12 or 24 inches apart; in one operation it opens the furrow, drops seeds at the right depth, covers them and marks the next row; by changing a single bolt it can be converted into a sturdy single wheel hoe, cultivator or plow. Makes an ideal outfit for a medium size garden.

No. 4D SEEDER ONLY. Price, $13.50

No. 3 PLANET JR. HILL AND DRILL SEEDER

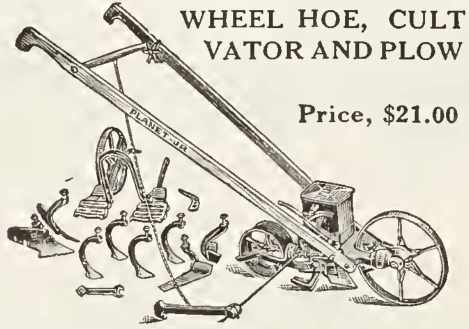
Price, $16.50



The No. 3 has for many years been a favorite with market gardeners, onion growers, etc.; it will handle any vegetable seed, planting in continuous rows or in hills, 4, 6, 8, 12 or 24 inches apart. Index for adjusting for different size seed is located on the handle. The hopper holds 3 quarts of seed.

No. 25 PLANET JR. HILL AND DRILL SEEDER, DOUBLE AND SINGLE WHEEL HOE, CULTIVATOR AND PLOW

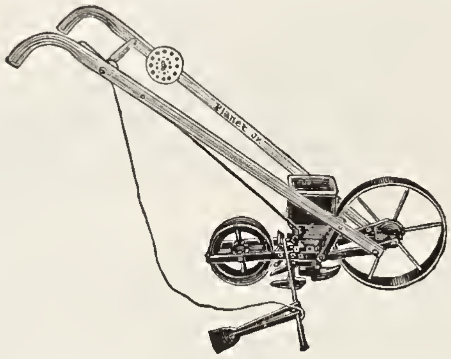
Price, $21.00



"The Complete Gardener." As a seeder it is just like the No. 4 illustrated above; can be converted into a double or a single wheel hoe. It will cultivate both sides of a row until the plants are 20 inches high. Equipment includes all the tools necessary in any garden and is fine for the family garden, onion grower or large farmer.

No. 300A PLANET JR. SEEDER.

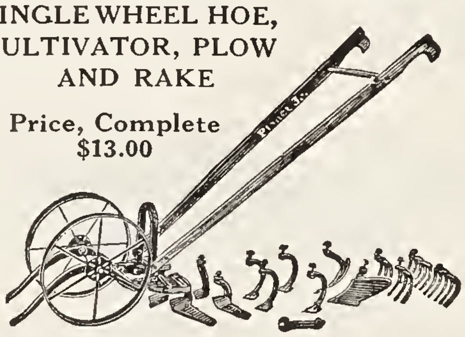
Price, $18.75



An efficient plate seeder, easily adjusted to sow seeds varying from turnips to lima beans.

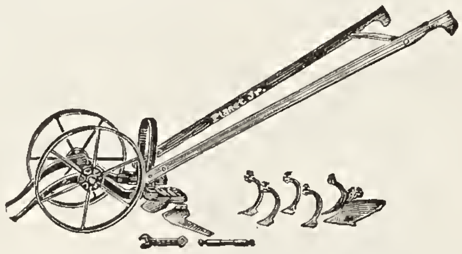
No. 11 PLANET JR. DOUBLE AND SINGLE WHEEL HOE, CULTIVATOR, PLOW AND RAKE

Price, Complete $13.00



Straddles crops till 20 inches high.

No. 12 PLANET JR. DOUBLE AND SINGLE WHEEL HOE, CULTIVATOR AND PLOW. Price, $10.25

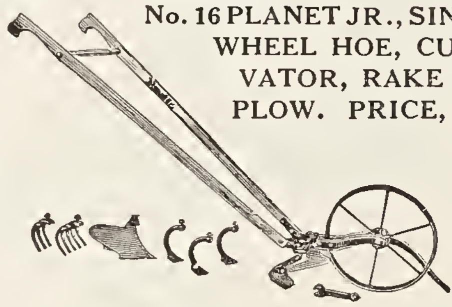


Just like the No. 11 but with just the equipment illustrated.

No. 13 DOUBLE WHEEL HOE

This is like No. 12, except that it is equipped with 1 pair side hoes only. Price, $7.60.

No. 16 PLANET JR., SINGLE WHEEL HOE, CULTIVATOR, RAKE AND PLOW. PRICE, $8.50



Fifteen inch steel wheel, steel frame.

No. 17 PLANET JR. SINGLE WHEEL HOE. Price, $7.35

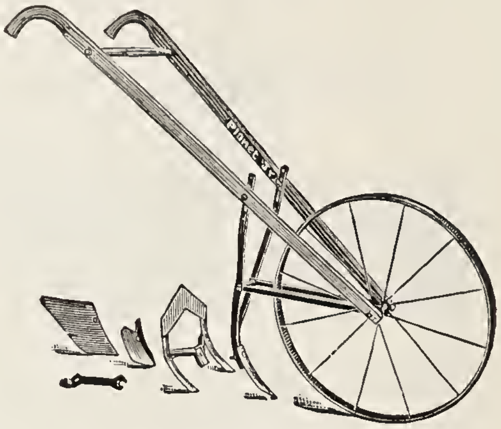
This is the same as No. 16, but without the rakes.

No. 17½ SINGLE WHEEL HOE

Same as No. 17, except there is no plow. Price, $6.40.

No. 18 SINGLE WHEEL HOE

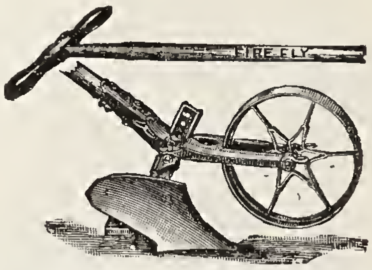
This is like No. 17, except that it is equipped with 1 pair side hoes only. Price, $5.50.



No. 119 PLANET JR. GARDEN PLOW AND CULTIVATOR

Price, $3.75

The No. 119 has a 24-inch steel wheel for easy working in rough and uneven soil. The equipment which is all hardened and tempered includes everything essential for the family garden. Can be furnished with a five prong cultivator attachment in place of reversible scuffle blade (order No. 119W). Price, $4.00.

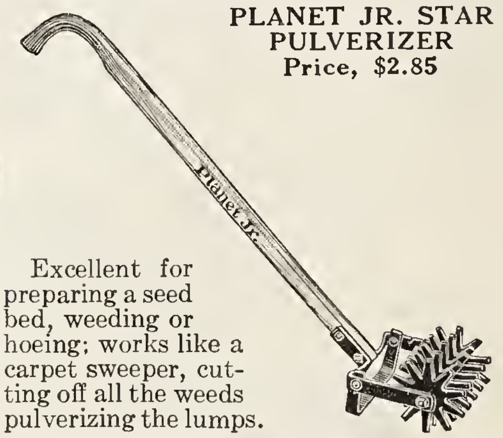


FIRE-FLY GARDEN PLOW

Useful to owners of small gardens, and to chicken raisers for plowing up scratching yards. Price, $4.00.

PLANET JR. STAR PULVERIZER

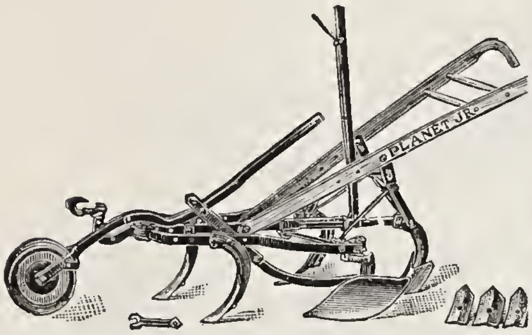
Price, $2.85



Excellent for preparing a seed bed, weeding or hoeing; works like a carpet sweeper, cutting off all the weeds pulverizing the lumps.

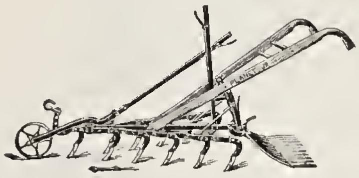
PARTS OF PLANET JR. WHEEL HOES

Disc Hoes	pair	$3.50
4½ inch Hoes S100-S101	pair	1.20
6 inch Hoes S100-S101	pair	1.30
7½ inch Hoes S100-S101	pair	1.50
9 inch Hoes S100-S101	pair	1.65
Peat Land Hoes	pair	1.75
3 prong Cultivator Teeth	pair	1.50
Cultivator Teeth, Regular, No. 1395, all steel	each	.35
Narrow Cultivator Teeth, No. 2775, all steel	each	.35
Rakes, Three Tooth	pair	.90
Rakes, Five Tooth	pair	1.50
Plows for Double Wheel Hoes	pair	1.40
Plows for Single Wheel Hoes	each	1.10
Double Mouldboard Plows	each	1.65
Handles	pair	1.25



No. 8 PLANET JR. HORSE HOE AND CULTIVATOR

The lever wheel and depth regulator enable the operator to increase or lessen the depth of tilling by a mere stroke of the arm. A perfect five tooth cultivator. Price, $14.70.



PLANET JR. 12 TOOTH HARROW CULTIVATOR AND PULVERIZER

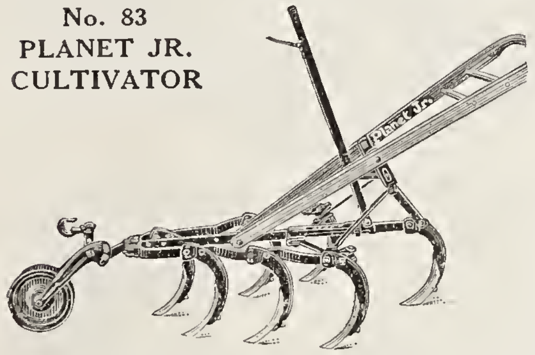
With the Twelve Tooth Harrow, you go as deep or shallow as you like and come up close to row without injuring plants. You widen and narrow as you please, between 12 and 32 inches.

No. 90. Complete with lever, steel wheel and pulverizer, $15.50.

No. 90B. Without pulverizer, $12.75.

No. 90D. Without pulverizer and wheel, $10.00

No. 83
PLANET JR. CULTIVATOR



Many gardeners like the 7 tooth cultivator, because it prepares the soil better than does the five tooth machine. Price, complete with steel wheel, $12.75.

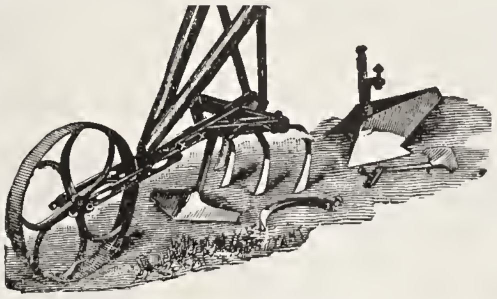
No. 83D. Price without wheel, $11.00.

PLANET JR. HORSE CULTIVATOR TEETH

All 8 inches long.

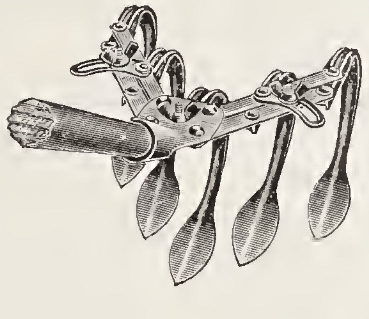
Width	Price	Width	Price
1¼ inch	$0.17	2¼ inch	$0.19
1¾ inch	.18	3 inch	.21
4 inch	$0.27		

Send for a copy of the Planet Jr. Catalog



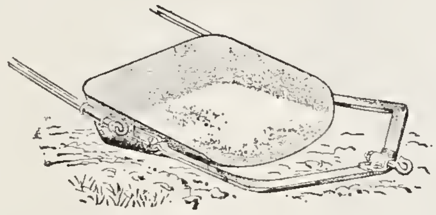
GEM SINGLE WHEEL HOE

This is suited for most any work in a garden. It weeds, hoes, hills and harrows. Price, $7.75.



PULL EASY CULTIVATOR

The teeth are adjustable to various widths; splendid for going between rows of young, growing crops. Can be shipped by express or freight only. No. P. E. 5. Price, 75c.



STEEL ROAD SCOOPS

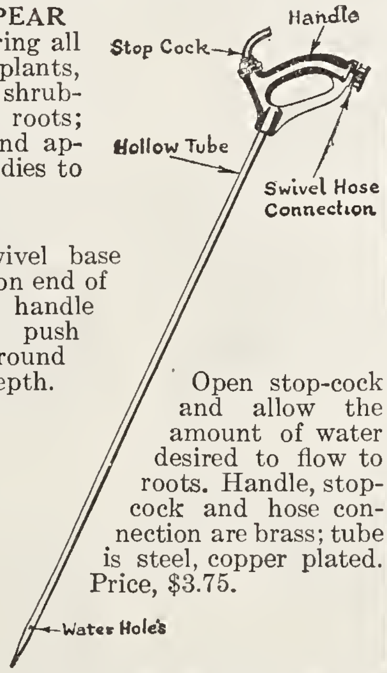
For dragging soil from one place to the other, grading, filling in, etc.

No.	Capacity	Price
1.	7 cubic feet	$11.00
2.	5 cubic feet	10.50
3.	3 cubic feet	10.00

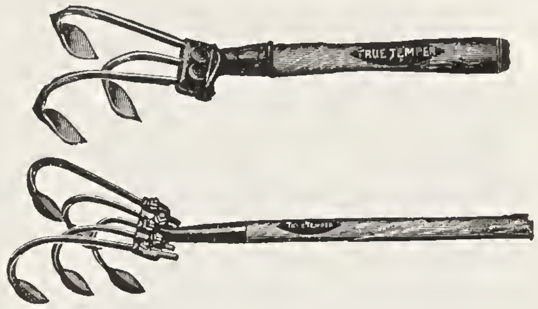
HYDROSPEAR

For watering all kinds of plants, trees and shrubbery at the roots; fertilizing and applying remedies to the roots.

Screw swivel base connection on end of hose, grasp handle firmly and push point into ground to desired depth.

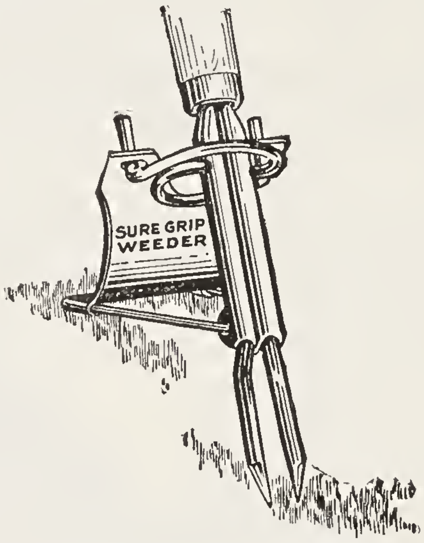


Open stop-cock and allow the amount of water desired to flow to roots. Handle, stop-cock and hose connection are brass; tube is steel, copper plated. Price, $3.75.



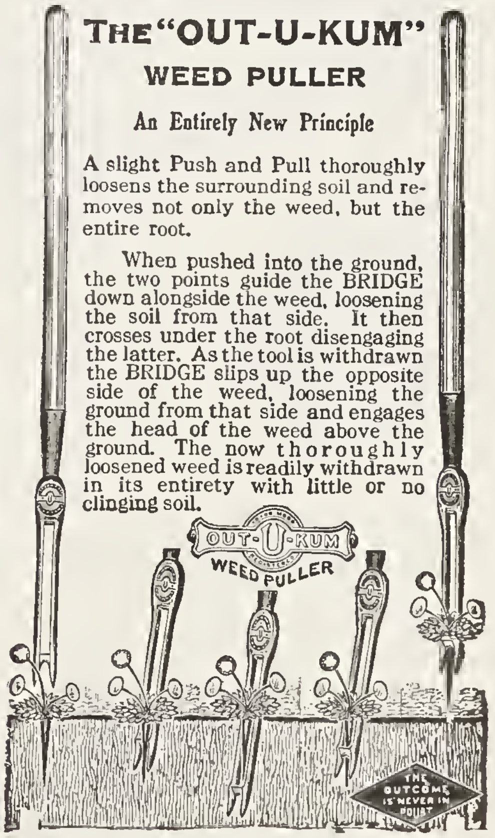
INVINCIBLE CULTIVATOR

This will be found a useful tool for weeding, loosening the soil, preparing seed beds, etc. Price, with long handle, 3 prong, 90c.; 5 prong, $1.00.



SURE GRIP WEEDER

Designed to pull both large and small weeds without injuring the lawn; will not clog up; automatically releases the weed as soon as pulled; fitted with 38-inch handle. Price, $1.50 each (by P. P., $1.65).



THE "OUT-U-KUM" WEED PULLER

An Entirely New Principle

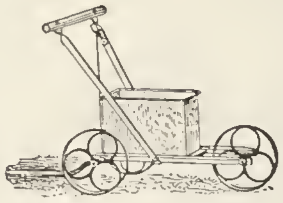
A slight Push and Pull thoroughly loosens the surrounding soil and removes not only the weed, but the entire root.

When pushed into the ground, the two points guide the BRIDGE down alongside the weed, loosening the soil from that side. It then crosses under the root disengaging the latter. As the tool is withdrawn the BRIDGE slips up the opposite side of the weed, loosening the ground from that side and engages the head of the weed above the ground. The now thoroughly loosened weed is readily withdrawn in its entirety with little or no clinging soil.

Price of the Out-U-Kum Weed Puller 75c. each (by P. P., 85c.).

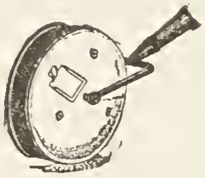
TENNIS COURT MARKERS

Junior Line-o-graph. A perfect liquid lime tennis court marker especially designed for private courts; works perfectly on grass or clay. Price, F. O. B. Philadelphia, $35.00, F. O. B. factory, $32.50.



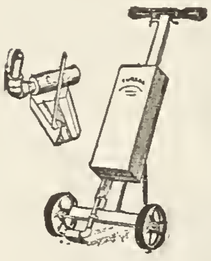
Junior Line-o-graph

No. OX. The most practical marker where dry lime is used. Price, $3.50 (by parcel post, $3.70).

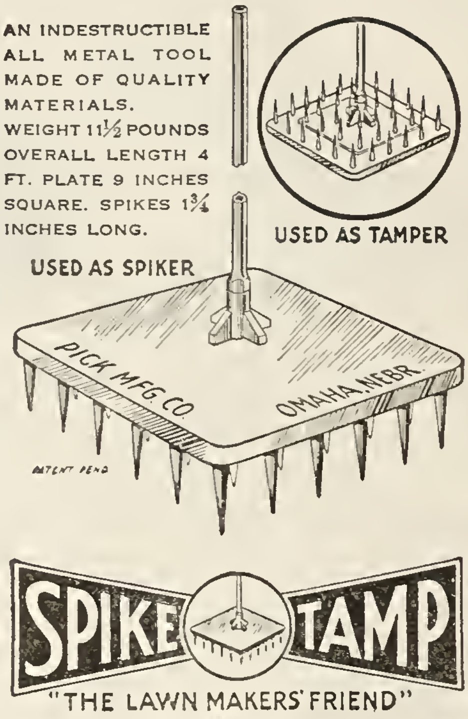


No. OX

No. 10. For marking clay courts and athletic fields with liquid lime; not adapted to grass courts. Price $20.00.



No. 10



AN INDESTRUCTIBLE ALL METAL TOOL MADE OF QUALITY MATERIALS. WEIGHT 11½ POUNDS OVERALL LENGTH 4 FT. PLATE 9 INCHES SQUARE. SPIKES 1¾ INCHES LONG.

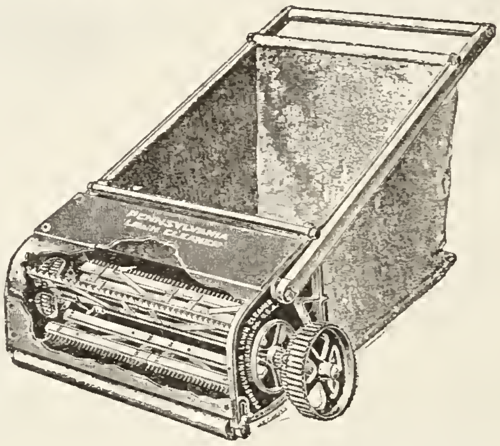
Price, $3.50 each

LAWN AND PUTTING GREEN CLEANER

The flexible rake bars are of wood, with steel springs and teeth; they rotate just like a lawn mower cylinder and clean up every particle of leaves, litter or rubbish, throwing it into a receptacle or bag in the rear, which is of large capacity.

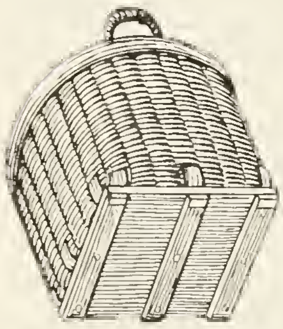
Price, 24-inch Rake, or Sweeper, $30.00.

Please specify when ordering if wanted for lawns or putting greens.

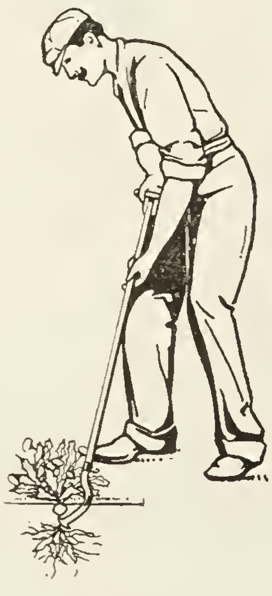


Sweeping Brushes. Can be readily attached to the Rake for sweeping lawns, putting greens, paths, etc. Price per set of three, 24 inch, $9.00.

RUBBISH BASKETS



A basket for gathering up rubbish and litter will be found a great convenience, especially when it is suited for the purpose. This basket holds 3 bushels and can be carried or wheeled on a barrow. Price, with rope handles, $3.75 each.

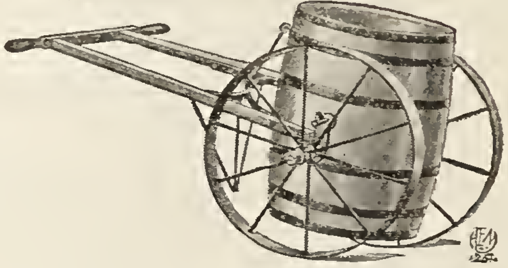


IDEAL DANDELION EXTRACTOR

This simple device is the best thing of its kind ever used for taking weeds out of the lawn. It will be seen that it is not necessary to get down on hands and knees to operate it. The cutting blade is of the best steel, equipped with a convenient handle, so that either man, woman or child can use it. 45c. each. (By P. P., 55c.)

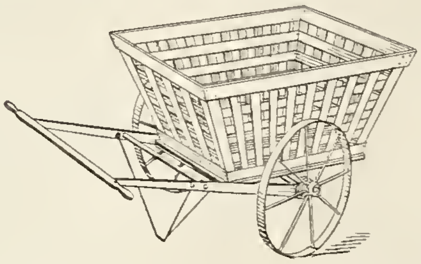
BARREL TRUCKS, Etc.

The price below includes barrel and truck. The latter is constructed so that the barrel may be detached quickly and the leaf rack attached.



3½-inch tire truck, all iron wheels, with barrel	$27.00
Extra Barrels, with trunnions, open head	7.00

Wood Leaf Racks

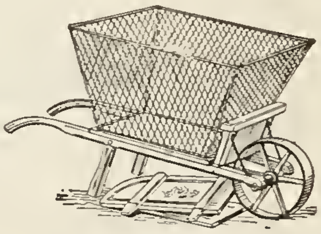


Excellent for gathering leaves, litter, grass, etc. They can be attached to a water barrel truck as shown above.

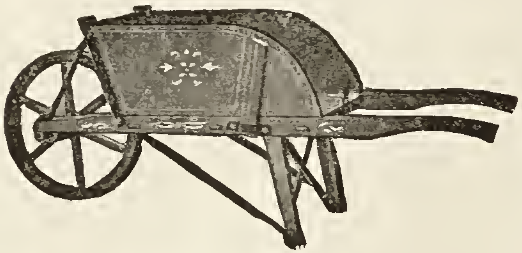
Leaf Rack only, no truck	$10.50
Leaf Rack with 3½-inch tire truck	$30.50
Truck with 3½-inch tire wheels, no rack or barrel	$20.00

Keystone Leaf Racks

This device can be used on wheelbarrows with removable sides. Convenient for gathering leaves, cut grass and rubbish. Has a capacity of 10 bushels; made of galvanized wire, bolted to a wooden base. Price, not including wheelbarrow, $8.50.



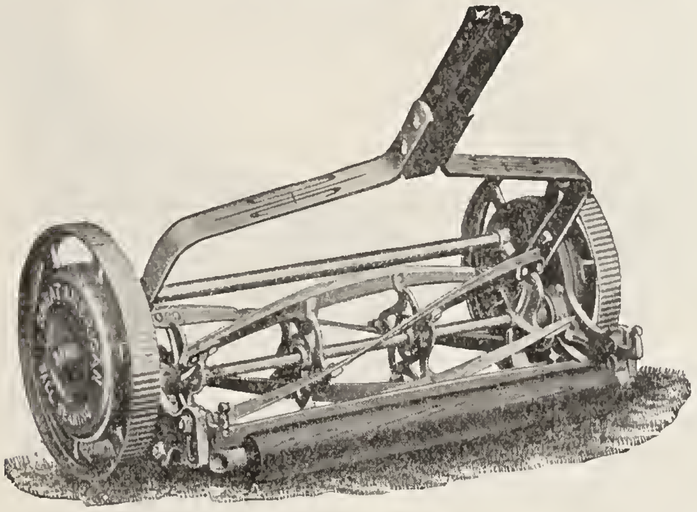
Wheelbarrows



Great American Wheelbarrow

The measurements of barrows are understood, viz.: length, meaning inside length of body; depth, inside depth at front; width, outside width at handles.

	No.	Tire	Length	Depth	Width	Price
Great American	1	2¾	30	12	25	$9.00
Great American	2	2¾	28	12	24	8.00
Great American	3	2¾	26	12	22	7.50
Great American (*Boys'*)	4	1¾	22	9	18	5.75
Canal. Side dump (bolted)						5.00
Special Greenhouse Style. Narrow body and handle width.						10.50



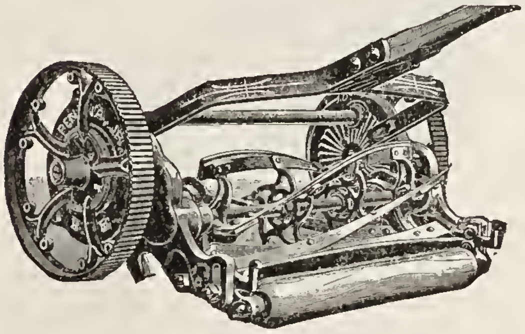
Great American High Wheel Lawn Mower

GREAT AMERICAN HIGH WHEEL BALL-BEARING

This is the best all-around mower of its type made; one of the greatest sellers of all time. It has 5 crucible tool steel blades, oil hardened and tempered; extra wide; raised edge lower blade. Braun self-aligning ball-bearings, hardened steel cup and cones, eccentric screw adjustment with positive lock; internal gear on each wheel; steel wheel axle screwed and bolted to side plate. Can be regulated to cut grass at a height of from ½ to 1½ inches. High wheel, 10 inches in diameter.

15 inch cut	$15.00	19 inch cut	$19.00
17 inch cut	17.00	21 inch cut	21.00

PENNA. JR. BALL-BEARING MOWER



To get the best results from this machine, which does exceptionally fine work, the lawn should be mowed at regular intervals. It cuts the grass shorter than the 4-bladed machine, hence requires mowing at stated periods when the grass is growing rapidly.

8 inch or low wheel, 5 blade cylinder, 5½ inch diameter.

12 inch	$14.50	16 inch	$18.50
14 inch	16.50	18 inch	21.50

10 inch or high wheel, 5 blade cylinder, 6 inch diameter.

15 inch	$20.00	19 inch	$25.00
17 inch	22.00	21 inch	28.00

We can also supply the Penna. Standard high wheel in same sizes and prices as above.

THE CONTINENTAL LAWN MOWER

The regulation style for every-day lawns. The Continental has 3 cut gears on both sides. High wheel, 10½ inch diameter.

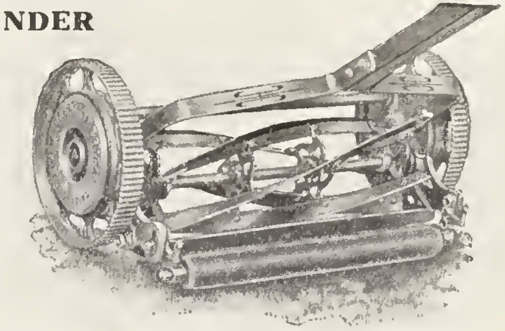
15 inch	$20.00	17 inch	$22.00
19 inch	$25.00		

INVADER LAWN MOWER

A Penna. made mower at a low price, to meet present-day conditions; 10-inch wheel, 6-inch cylinder, solid type; 4 hardened steel blades; ball-bearing with automatic spring adjustment. 16 inch. Price, $7.00.

SUPER GREAT AMERICAN LAWN MOWER

BALL BEARING WHEELS AND CYLINDER

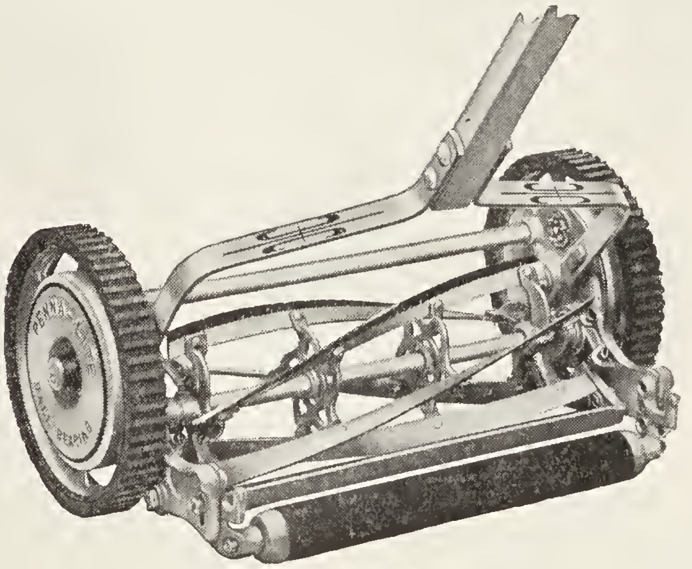


A high-class machine having all the proven qualities of the popular Great American and ball bearings in the drive wheels, steel axles and several other improved fittings. 10 inch wheels; 5 crucible steel blades, extra wide.

15 inch	$17.00	19 inch	$21.00
17 inch	19.00	21 inch	23.00

PENNSYLVANIA MOWER SUPER ROLLER TYPE (1936 Model)

This new mower for Golf Greens is the last word in lawn mower construction. It has seven crucible steel blades in a high-speed cylinder, aluminum driving drums and train of cut gears running in a grease-tight case. Intermediate gear and front caster wheels on hardened steel bushings; drums, cylinder and front caster wheels on ball bearings. The Super Roller Mower is light running, easy to push and cuts without ridging the greens. Weight only 55 pounds. One size only, 18-inch cut. Price, $48.00. Grass Box, $8.00; Carriage, $5.00.



Pennalite Lawn Mower

PENNALITE ALUMINUM BUILT BALL-BEARING MOWER

Constructed of tough aluminum alloy castings; the lightest lawn mower made. Five crucible steel blades, oil hardened and tempered. Fitted with high grade rubber tires with deeply corrugated tread; wheels are full 10-inch diameter over all. The roller is encased in a rubber tube ⅛-inch thick and the bearings are fitted with fibre bushings, easily replaced. 17-inch cut. Price, $17.50.

DELTA LAWN MOWER

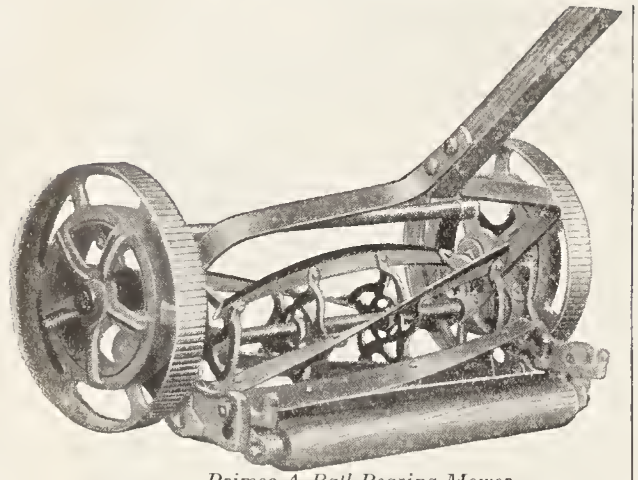
Ball Bearing, 5-blade cylinder, 8-inch wheel; raised edge lower blade, Penna. make.

13 inch	$9.25	15 inch	$9.75
17 inch	$10.25		

ORCHID BALL-BEARING LAWN MOWER

A splendid moderately priced, high wheel machine; internally driven, making it easy running; equipped with the best crucible steel blades; 10-inch wheels.

17 inch, 5-blade cylinder	$11.50
17 inch, 7-blade cylinder	16.00



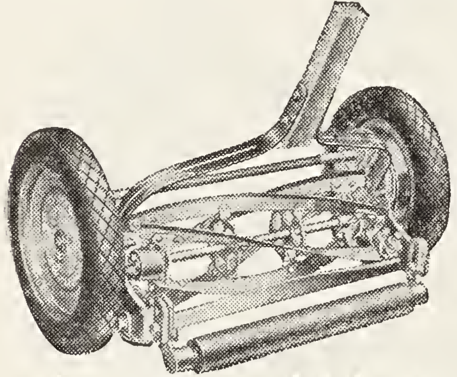
Primos A Ball-Bearing Mower

PRIMOS A BALL-BEARING MOWER

An honestly built household mower; high quality, yet in the competitive price class; 6-inch diameter cylinder; 5 crucible steel blades; 10-inch wheels 16-inch. Price, $8.50.

WM. PENN ALL-STEEL BALL-BEARING MOWER

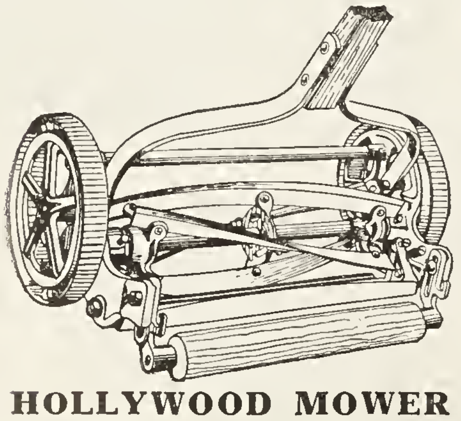
All castings are malleable iron (commonly known as "all-steel") and are positively unbreakable. It has a 10-inch closed wheel and the cylinder, 6 inches in diameter, has 5 crucible tool steel blades, driven by an internal gear in each wheel and extra wide hardened steel pawl. One size only. 17-inch. Price, $15.50.



SUBURBAN MOWER

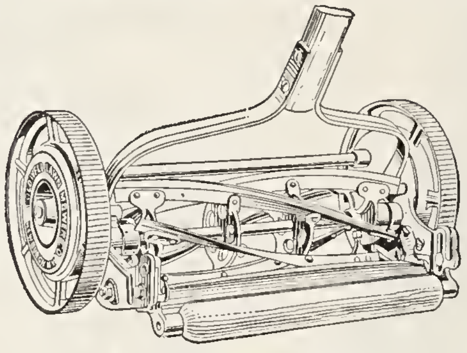
A popular priced, high grade lawn mower, of unusual quality, with modern features; quiet and easy running; has pneumatic tires, rubber covered guard roller and ball-bearings. 10-inch wheels; 5-blade cylinder.

14 inch.....$12.25 | 16 inch.....$13.25



HOLLYWOOD MOWER
BALL BEARING

A strong, light weight mower, most useful for those whose lawn areas are small; 8-inch diameter wheels; revolving cutter, 5-inch diameter with four blades. One size only, 12 inch. Price, $6.00.

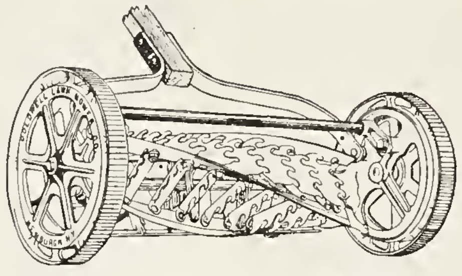


INTERSTATE BALL-BEARING LAWN MOWER

This is a medium priced substantially built mower, recommended for general use. It is equipped with large bearings which makes for ease in operation and insures a long period of usefulness. 10-inch diameter wheels; revolving cutter, 6-inch diameter, with five heat treated blades.

14 inch.....$8.50 | 16 inch.....$9.00

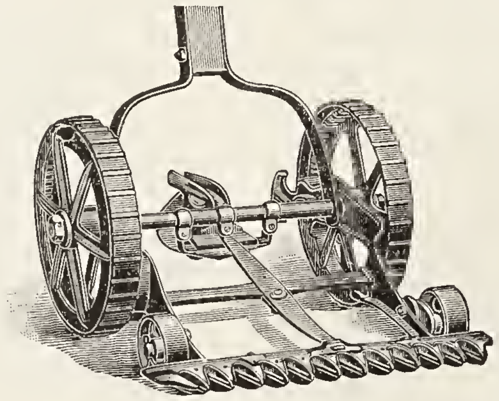
18 inch...........$9.50



MOKLEEN CHIEF LAWN MOWER

A first quality mower, with a device designed to draw weeds into a position to be cut by the revolving knives; this insures the cutting of weeds and other high grasses not readily cut with a hand mower. 10-inch diameter wheels; 6-inch diameter revolving cutter with 4 steel, heat treated blades.

16 inch.....$12.75 | 18 inch.....$13.75

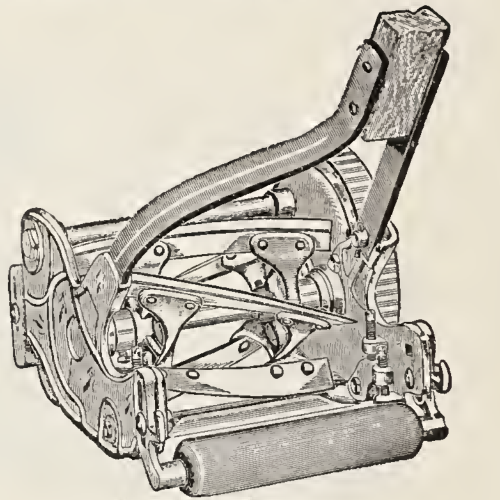


Clipper Lawn Mower

CLIPPER LAWN MOWER

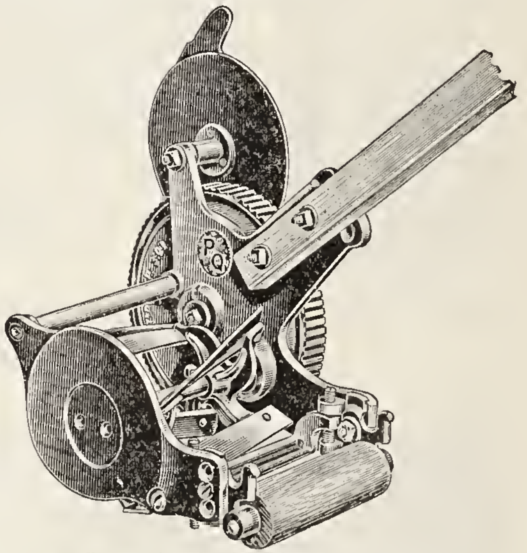
The wheels travel over ground where the grass is cut, never rolling down the standing grass with the wheels, as other lawn mowers do. The small gauge wheels at the side are to gauge the height you wish to cut the grass.

15 inch.....$13.00 | 18 inch.....$15.00



COLDWELL LAWN TRIMMER

This is a small special mower with a straight side, designed for trimming around the edges of walks, flower beds and borders. 6-inch diameter, five blade revolving cutter, mounted on ball-bearings; cuts an 8-inch swath. Price, $8.50.



Pennsylvania Combined Trimmer

PENNA. COMBINED TRIMMER AND EDGER

This machine consisting of the Ball Bearing Trimmer, equipped with a steel disc and a small plow; will trim the overhanging grass along the edges of paths and flower beds; relieves the gardener of work with hand shears or a grass hook. Cutting width, 6 inches. Price, $9.00.

PENNA. UNDERCUT LAWN TRIMMER

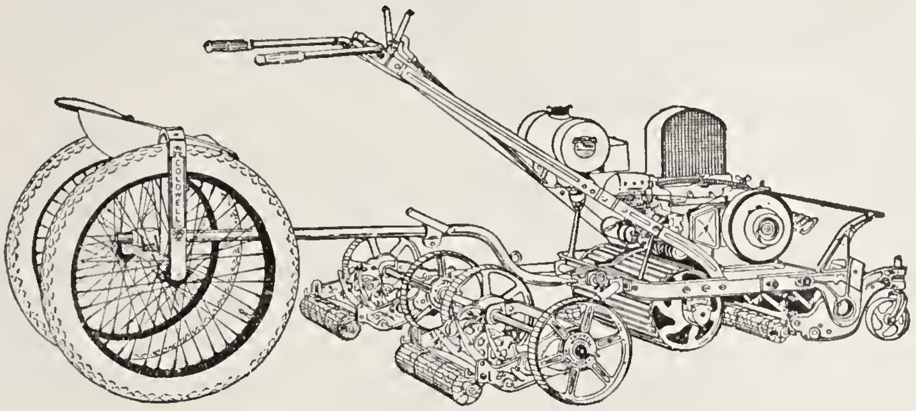
The unique construction of the undercut trimmer permits cutting not only close to a wall, fence, tree, etc., but it will get the grass under a fence or rock, cut base of tombstones, house foundations and other places hitherto out of reach of anything but hand shears. The slanting sideplate and conical cylinder make it possible to cut all grass which the regular lawn mower will not reach. Ball bearing, with 9½-inch drive wheel; four blade cylinder. Price, $10.50.

GRASS CATCHERS

Easy Emptying. Short iron handle, round back, galvanized sheet steel bottom, heavy duck sides.

No. G10, for mowers 12 to 16 inch, $1.10 each (by P. P., $1.30).

No. G12, for mowers 18 to 22 inch, $1.40 each (by P. P., $1.60).



Coldwell Motor Mower, Super L Twin 60

COLDWELL MOTOR MOWERS

Coldwell Power Lawn Mowers are especially designed to mow your lawn with the greatest of ease and economy of time. A light rolling when cutting, (**Two Machines in One**) produces that even, velvety appearance which every one desires and demands on a well maintained lawn.

Coldwell Power Lawn Mowers are manufactured complete in the Coldwell Plant. The engines are single and twin cylinder, water cooled by radiator and fan. The chassis is electrically welded structural steel with a sectional drive roller and a flexible power driven cutting unit. Dual control levers conveniently located on the handle operate the roller and revolving cutter. Anyone can operate them.

Coldwell Power Lawn Mowers will not mar the lawn in turning. You can trim around the trees, shrubs, flower-beds, walls and along the borders, walks and driveways. Close, medium and long cut grass can be made by a simple adjustment on the cutting unit. Greater capacity of cut is obtained by the addition of gang units. These units are readily attached and easily removed as conditions warrant their use. The engines have sufficient power for grades up to 45%.

Super Twin 30. This is a combined Lawn Mower and Roller, having a capacity of from 6 to 8 acres per day; extremely flexible, making it easy to cut close up to and around trees, shrubbery, walks, etc. The drive roller is full width and is built in two sections. The two-cylinder, four-cycle, water-cooled motor provides an abundance of power for climbing steep grades.

Super L Twin. An exceptionally powerful twin-cylinder power lawn mower and roller, combining flexibility with large capacity; equally well suited for cutting small plots or trimming or mowing wide open stretches of lawn.

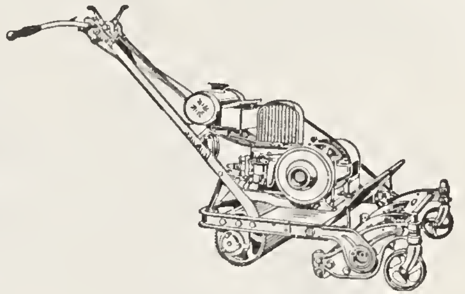
L Junior. A light weight, simple and dependable power mower and roller, of good capacity at a moderate price.

The regular line of Super Twin Standard Models will be offered the same as in the past. In addition we will offer them with thick grooved, hard rubber covered drive rollers and casters, that will also contain the Glide attachment and priced accordingly. In connection with the single cylinder line, there has been developed the single cylinder De Luxe Models, equipped with two drive wheels and enclosed differential with four ply heavy duty Goodyear All Weather tread pneumatic tires; the caster rollers will also be equipped with pneumatic tires, mounted on ball bearings. The Junior 30 De Luxe will be built with dual drive wheels, two on each side of enclosed differential. All machines can be furnished with rubber pneumatic tired wheels in place of the regular steel equipment at a slight additional cost. Mowers equipped with pneumatic tires will be known as the De Luxe Models. For those who desire the hard rubber roller and hard rubber caster wheels, we can furnish the R. R. Models at the price listed under the R. R. column.

	Reg. Equip.	De Luxe	R.R. Equip.
Cub. 21-inch cut....	$195.00	$210.00	$215.00
L Junior. 25-inch cut	250.00	265.00	275.00
L Junior. 30-inch cut	300.00	315.00	325.00
Super L Twin. 25-inch cut	335.00	350.00	360.00
Super L Twin. With rear gang, 60-inch cut	410.00	435.00	445.00
Super Twin 30. 30-inch cut	385.00	400.00	410.00
Super Twin 30. With rear gang, 65-inch cut	460.00	485.00	495.00

The Super Twin Models can be furnished with extra gang units to increase the width of the cutting space to 60 or 100 inches.

16-inch Gang Units, $25.00 each.
20-inch Gang Units, $30.00 each.
Gang Hitch for attaching units, $10.00 each.
Riding Sulkies, with pneumatic tired, wired wheels, heavy duty, $40.00 each.
Riding Sulkies, with pneumatic tired, wired wheels, light duty, $25.00 each.
Grass Boxes for 30-inch models, $20.00.
Grass Boxes for 25-inch models, $18.00.
Grass Boxes for Cub, $13.00.



Coldwell Cub Mower

COLDWELL CUB POWER LAWN MOWER

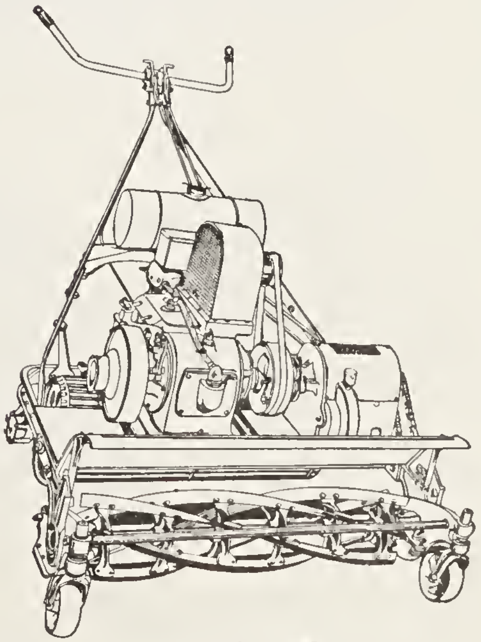
21-inch detachable cutting front and full width two section roller. Engine is single cylinder, equipped with Bosch Magneto, Tillotson Auto type Carburetor Oil Pump and Zerk Lubrication. Governor control on motor maintains constant speed and adjusted to operate at 1¾, 2¾ and 3½ miles per hour.

Horse Power—1½ Brake Horse Power at 1200 R.P.M. Blades in Reel—High Carbon alloy steel—Bed Knife chrome alloy heat treated steel.

COUNTRY GENTLEMAN MOTOR MOWER

A high grade motor mower, wheel driven type, single cylinder model with hand throttle; floating front with 5-inch blade; revolving cutters; capacity 1½ to 2 acres per day. 21-inch cut. Price, $150.00.

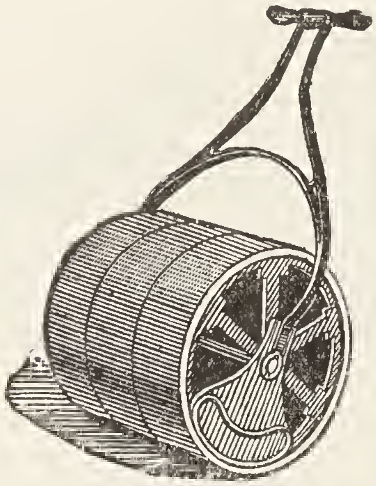
Can be furnished with pneumatic tires for $15.00 extra.



Super Twin 30 Mower

MICHELL'S LAWN ROLLERS, ETC.

It is very essential to roll the lawn when the frost is permanently out of the ground, and again several times during the season. A first class roller will prove a good investment, as it will last almost a lifetime, especially if it is put under cover when not in use.



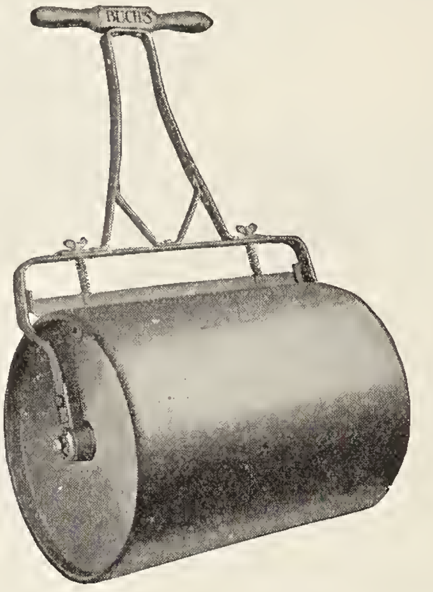
KEYSTONE HAND LAWN ROLLERS

Drums are equipped with five spokes; the face is ground smooth and carefully finished. The steel roller bearings are mechanically constructed, making the roller operate so easily a child can handle it. The handle is made of steel and hard wood; is equipped with a balance weight, so that it is always in an upright position. The drum or roller part has a bevel edge so that it cannot tear up the lawn or ground when being turned.

No.	Diam. Inches	Length or Width In.	No. of Sections	Lbs. Weight	Price
501.........	15	15	2	175	$18.00
502.........	15	22	3	250	20.00
504.........	20	20	2	250	23.50
507.........	20	24	2	300	28.00
508.........	20	30	3	350	32.50
509.........	24	20	2	400	37.50
511.........	24	24	3	450	42.00
512.........	24	30	3	500	45.00
514.........	28	24	3	500	45.00

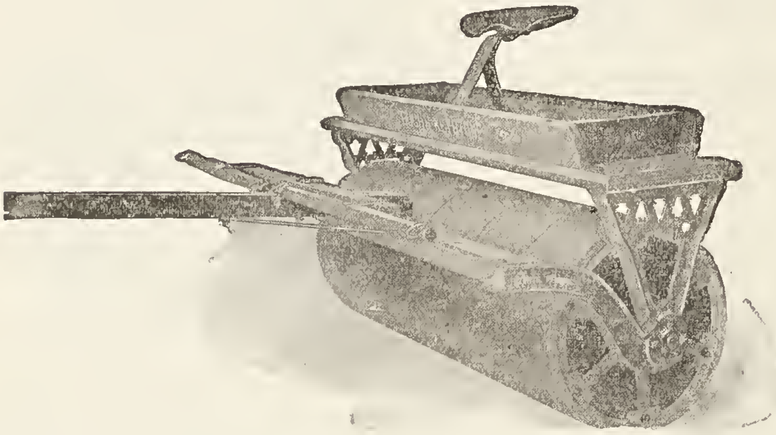
KEYSTONE WATER-BALLAST ROLLERS

Fill it with water, which will weight it up to any number of pounds desired, as shown below. The same roller can thus be used for soft turf, firm lawns, or for rolling the driveway and tennis court. Equipped with a device for keeping handles stationary. Ball axle bearings.



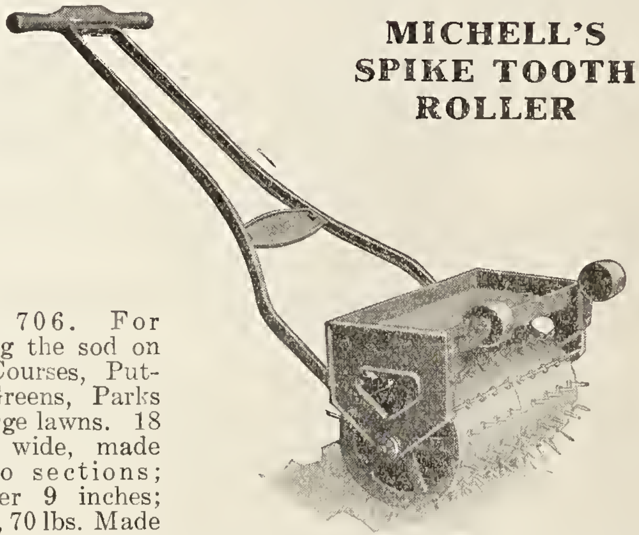
Keystone Water-Ballast Roller

No.	Sections	Diam. In.	Length In.	Weight Empty	Weight filled with water	Price
601.......	1	14	24	60	250	$13.50
602.......	1	18	24	85	330	15.50
603.......	1	24	24	100	440	17.50
604.......	1	24	32	135	590	18.50



Keystone Horse Roller

MICHELL'S SPIKE TOOTH ROLLER



No. 706. For aerating the sod on Golf Courses, Putting Greens, Parks and large lawns. 18 inches wide, made in two sections; diameter 9 inches; weight, 70 lbs. Made of seasoned oak staves with cast iron heads. Closely covered with steel spikes. Steel top and frame so constructed that sand bags can be used for additional weight. Carrying wheels for turning or moving. Price, $27.50.

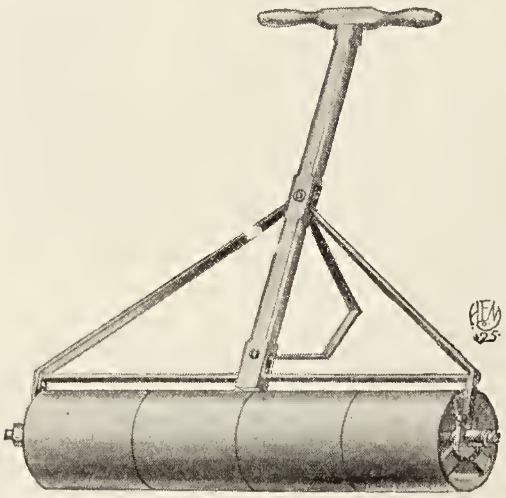
KEYSTONE GOLF GROUND AND LAWN HORSE ROLLERS

Made of cast iron carefully finished with beveled edge drums; equipped with shafts for one horse or tractor hitch; all sizes are equipped with weight boxes to permit the roller being made to weigh heavier than it is when factory finished.

No.	Diam. Inches	Length Inches	Sections	Weight Lbs.	Price
341.........	24	40	4	800	$90.00
342.........	24	50	5	950	105.00
344.........	28	40	4	1000	115.00
345.........	28	50	5	1200	135.00

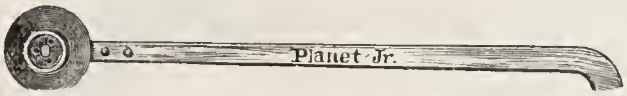
Shipment of Horse Rollers is made from factory in Penna. We can also supply heavier rollers for land and golf ground use.

PUTTING GREENS ROLLER



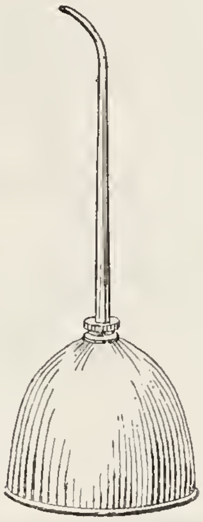
No. 700. Greenskeepers have found that a roller about 4 feet wide, weighing about 160 pounds, is right; evenly surfaced; will not leave a mark or ridge on the greens. Made of cast steel in 4 sections. Price, $25.00.

Parcel Post charges where named are for shipment to the first and second zones; for other zones, please see parcel post table, page 1.



PLANET JR. No. 2 GRASS EDGER

A simple steel disc device, with a flange that runs on the cement path, to cut away the grass which hangs over the edge of the walk; this revolving disc operates very easily and does not cut away any of the soil which some people object to; can be used successfully on straight or curved cement paths. Price, $1.50 (by P. P., $1.65).



LAWN MOWER OIL

Pure oil that will not gum or get sticky is an essential for the satisfactory operation of every mower. The oil sold by us has been selected with this point in view.

Prices: Per pint, 25c.; 35c. per quart; ½ gal., 65c.; $1.00 per gal.; 5 gals., $4.25.

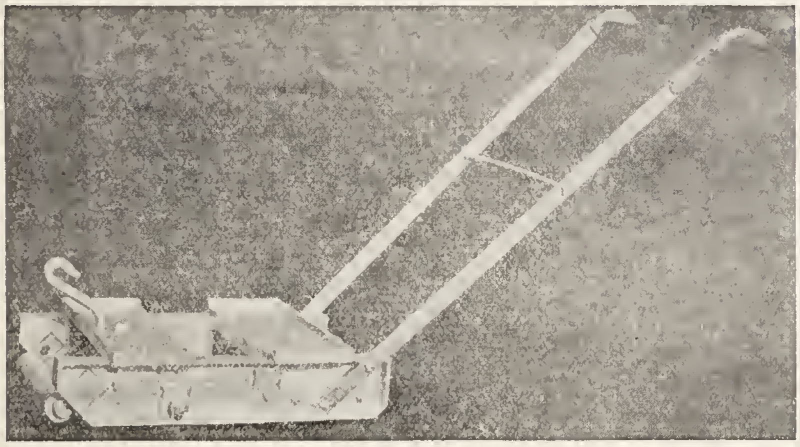
Lawn Mower Oil cannot be mailed

GEM OIL CANS

Finished, Brazed Steel

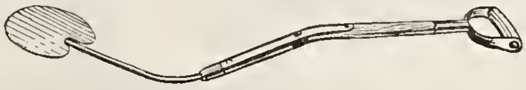
	Capacity	Spout	Price
No. 1706.	8 oz.	6 in. bent	$0.50
No. 1706.	8 oz.	6 in. straight	.50
No. C14AA.	8 oz.	5 in. straight, copper	.25
No. 1606.	⅓ pt.	6 in. bent, steel	.40
No. 1606B.	⅓ pt.	6 in. bent, brass	.75

If Oil Cans are wanted by P. P., add 10c. each.

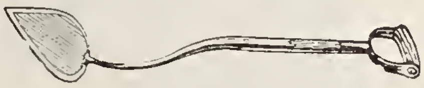


CHAMPION SOD CUTTER

The best and most satisfactory machine on the market. Used extensively where any great amount of cutting is to be done; this machine will cut in one hour as much as two men can cut in a day. The machine is so constructed that it can be adjusted to cut the sod to a uniform thickness, 1 to 2 inches; has a reversible knife. Price, $55.00. Extra knives for above, $12.50 (by P. P., $12.70).



American



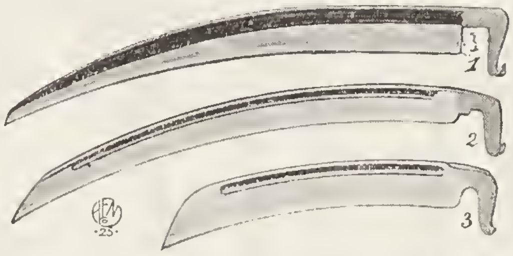
English

TURF OR SOD LIFTERS

At times, it is more desirable to sod a bare or worn-out spot on the lawn or grass plot than to sow it with grass seed. Our sod lifters are made of the best steel and will last a long time.

American. Steel blade, with an 18-inch steel shank and wood D handle. Price, $2.00 each (by P. P., $2.35).

English. No. 275. Price, $6.00 each. (Not mailable.)



Key to illustration: No. 1, English; No. 2, American; No. 3, Little Giant Brush.

SCYTHES

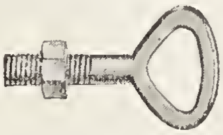
Little Giant, 32-inch	$2.00
Little Giant, 34-inch	2.00
Little Giant, 36-inch	2.00
Little Giant Brush or Briar	2.00

The Little Giant is the best American-made scythe for field and heavy grass work.

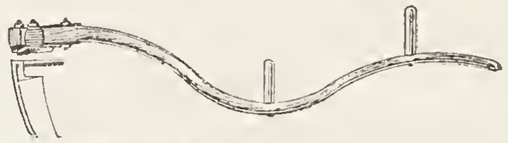
English, 32-inch, rivet back	$2.75
English, 34-inch, rivet back	3.00
English, 36-inch, rivet back	3.50

The English Scythes are best for fine grass or lawn work.

If scythes are wanted by parcel post, add 20c. each for postage.



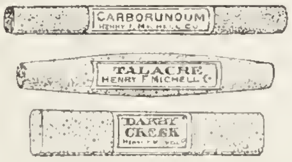
Snath Clip



SCYTHE HANDLES

No. 50. Made of hard wood, well finished.

Regular Scythe style (not mailable)	$1.75
Snath Clips (by P. P., 30c.)	.25



SCYTHE STONES

	Each	Doz.
Sir Pike (Talacre Style)	$0.30	$3.50
Talacre (*Imported*)	.50	5.75
Darby Creek	.25	2.75
Carborundum. Very fine	.30	3.50

If Scythe Stones are wanted by parcel post, add 10c. each for postage.

CARBORUNDUM RIFLE

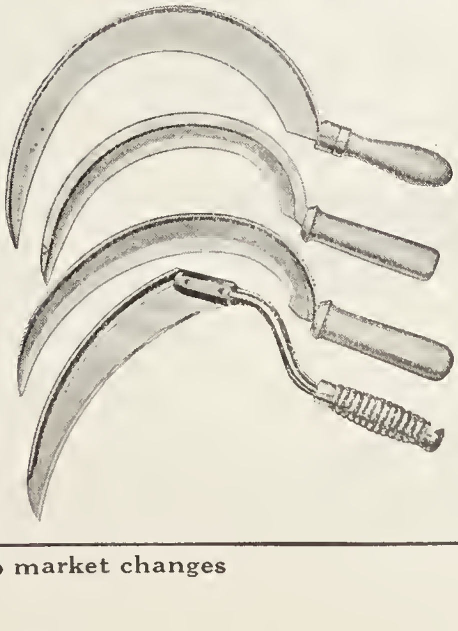
Price, 25c. each (by P. P., 35c.).

CARBORUNDUM FILES

No. 57. Price, 90c. each (by P. P., $1.00).

Red Head. Price, 75c. (by P. P., 85c.).

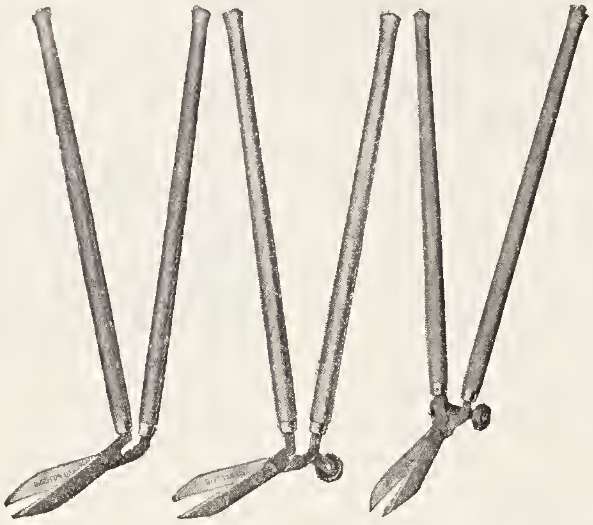
SICKLES OR GRASS HOOKS



Dutch or German, No. 2	$0.70
English Rivet Back, No. 2	1.00
English Rivet Back, No. 3	1.00
English Solid Back, No. 2	.75
Little Giant	.65

If wanted by parcel post, add 15c. each for postage.

Parcel Post charges where named are for shipment to the first and second zones; for other zones, please see parcel post table, page 1.



No. 1102 *No. 1103* *No. 1104*

BORDER SHEARS

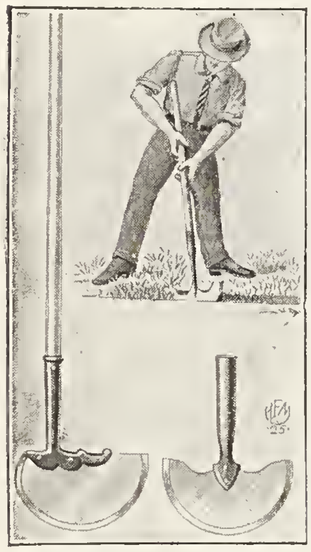
Made of finest American steel. They take the place of edging knives and avoid the necessity of doing much stooping. The shear without wheel works equally as well as the one equipped with wheel; this feature is an item of individual preference only.

No. 1102.	9-inch. Without wheel	$3.50
No. 1103.	9-inch. With one wheel	4.00

LAWN SHEARS

For trimming under shrubbery, fences and other out-of-the-way places. The two wheels permit the shears to move over the ground freely, backward and forward.

No. 1104. 8-inch blade, long handle	$3.50
Handles for Border Shears	per pair 1.00



English *American*

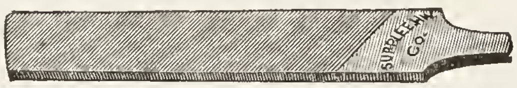
EDGING KNIVES

For trimming edges of paths, etc. No other implement will put a finish to a grass border, a walk or drive edged with sod like an edging knife; on straight work, it is well to use a garden line so as to make a first-class job, as nothing in the line of gardening looks so badly as edging in a crooked line.

No. 040. American, with handle	$1.25
No. 3863. English, 9-inch with handle	2.25

American Knives are not mailable. English knife without handle can be mailed at 10c. for P. P.

FLAT FILES

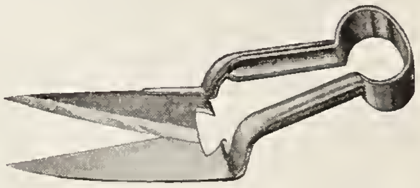


For sharpening lawn mowers.	Each	By P.P.
8-inch	$0.35	$0.45
10-inch	.40	.50
12-inch	.75	.85

EMERY

For sharpening Lawn Mowers. Price, 25c. per lb. (by P. P., 35c.); 5 lbs., $1.00 (by P. P., $1.15); 10 lbs., $1.75 (by P. P., $1.95).

GRASS SHEARS

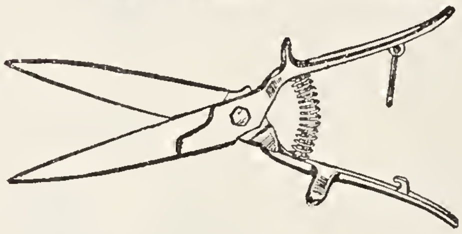


Do not buy a cheap grass shear, they do not last long, nor do they keep a sharp edge which is an essential in trimming grass; our list comprises the best makes.

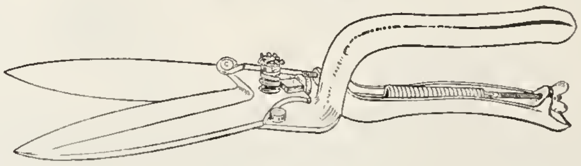
If wanted by parcel post, add 10c. each for postage.

No.		Each
235.	6-inch, American	$0.50
012.	6-inch, American	1.25
114.	7-inch, English, trowel shank handle	2.50
113.	7-inch, English, straight handle	2.00
0267.	5½-inch, American	.85
0267.	7-inch, American	1.25

MICHELL'S GRASS SHEARS



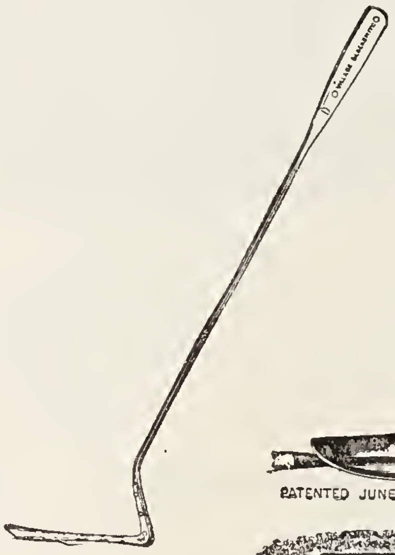
No. 90. Cuts grass easier than an ordinary shear; built like hair cutters; blades forged steel. Price, 75c. (by parcel post, 85c.).



Level Cut Grass Shear

LEVEL CUT GRASS SHEAR

Full hollow ground. Price $1.25 (by parcel post, $1.35).

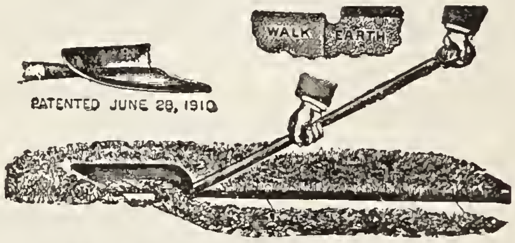


GRASSWIPS

The New Double Edged, Long Handled Grass Cutter

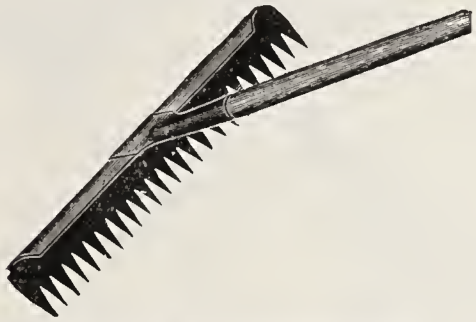
The easiest way to cut grass and weeds; cuts rapidly on both the forward and backward swing.

No. 165. The gooseneck type; forged blade; double edged; 37-inch round steel shaft, with maple handle; enameled in red and green. Price, $1.00.



No. 136, IMPERIAL LAWN EDGE TRIMMER

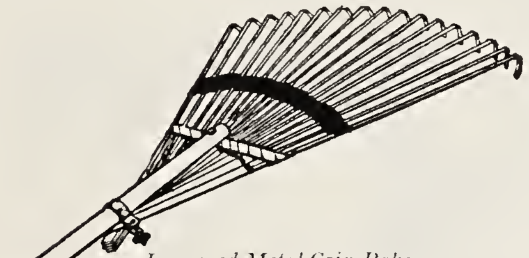
With this tool the rough straggling, overhanging grass along the edges of the walk can be trimmed in a few minutes. It plows a clean U-shaped trench, delivering the cutting on the sidewalk. The edges along the curbing and walk of an eighty-foot lot can be trimmed in twenty minutes, leaving the whole surroundings neat and attractive. Price, $1.50 (by P. P., $1.65).



HUDSON DANDELION or WORM CAST RAKE

When pulled across the lawn, the stems, leaves and blossoms of the dandelions are wedged between its teeth and easily pulled out. Self cleaning; also valuable for cleaning worm casts and other litter from putting greens and other fine turf playing surfaces.

16 inch....90c. each | 20 inch...$1.00 each

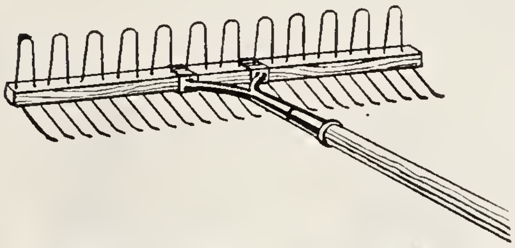


Improved Metal Grip Rake

BAMBOO RAKES

Made of split bamboo, rigidly secured, with handle. Just the thing for cleaning grass clippings from walks, flower beds, borders and from the lawn.

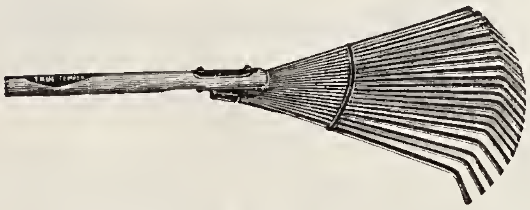
18 inch, with bamboo handle (old style)	$0.35
18 inch, with hardwood handle	.75
24 inch, with hardwood handle	1.00
30 inch, with hardwood handle	1.50



WIRE LAWN OR GRASS RAKE

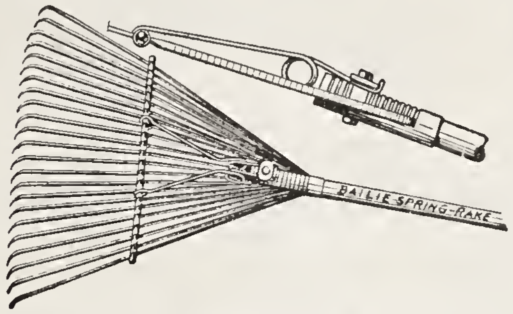
Made of heavy tinned steel wire. The rake is reversible. These are excellent for lawn or walk work.

No. 124R—24-tooth	$0.85
No. 36LR—36-tooth	1.50



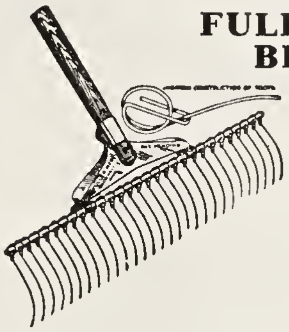
STEEL BRUME RAKE

Spring steel teeth; will remove the smallest leaves and litter. Price, $1.00 each.



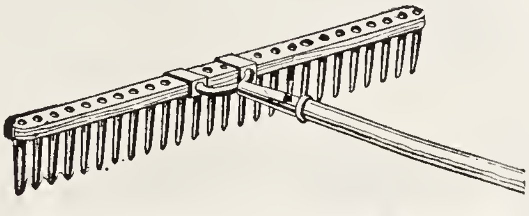
BAILIE SPRING RAKE

Fitted with extra heavy spring from handle to spacer; has 24 teeth made from spring wire, slotted and keyed throughout; ideal for lawn or driveway. Price, $1.75.



FULLER LAWN BROOM

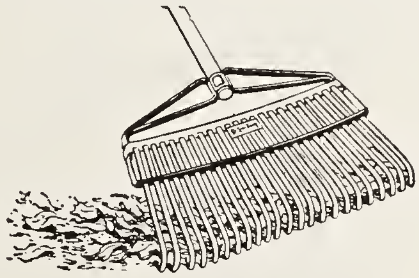
Well made of good material; has 28 flexible, spring steel teeth, ¾-inch apart. Price, $1.50.



OLE OLSEN LAWN RAKE

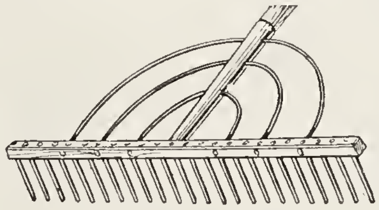
Made of best hardwood, well braced; teeth set close together.

26-tooth, hickory wood. Price, $1.00.



LAWNCOMB RAKE

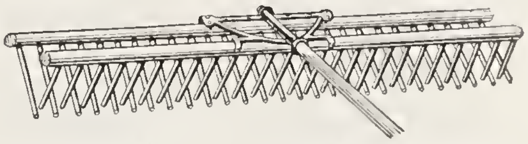
The Lawncomb cleans your lawn without injuring tender growing grass. Frame is one-piece steel construction; electrically welded ends. 20-inch, natural finish handle, $1.50.



Ames, No. 37 X Rake

WOODEN RAKES

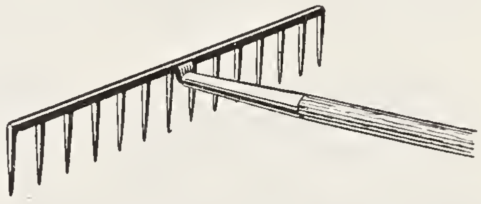
Ames, No. 37X. 28-tooth, steel bows	$1.25
Ames, No. 30X. 14-tooth, hardwood	.75



AUTOMATIC LAWN RAKE

A backward motion of the operator clears all the teeth at once.

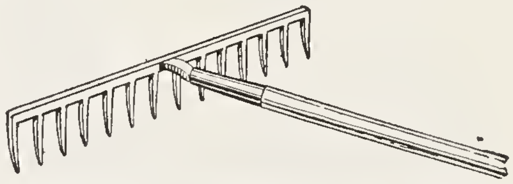
No. 226. Wood, 26-tooth	$1.60
No. 238. Wood, 38-tooth	1.75



STEEL GARDEN RAKES

Made of best cast steel, with long teeth.

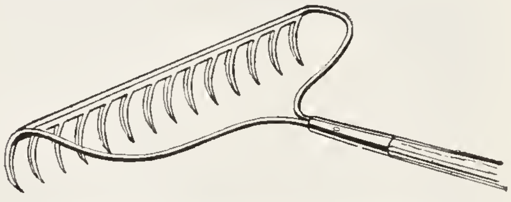
No.	Tooth		No.	Tooth	
12	12	$0.95	16	16	$1.05
14	14	1.00	18	18	1.10



STEEL GRAVEL RAKES

These rakes are used for road making and for paths; having short teeth they do not gather up stones or gravel.

No.	Tooth		No.	Tooth	
G14	14	$1.25	G16	16	$1.35

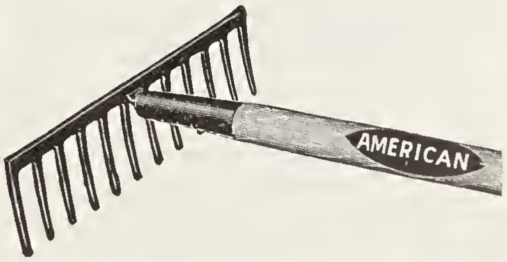


STEEL BOW RAKES

Preferred by many to the regular garden rake, the teeth being slightly bent toward the operator

No.	Tooth		No..	Tooth	
B12	12	$1.10	B14	14	$1.15

B16......16-tooth......$1.25



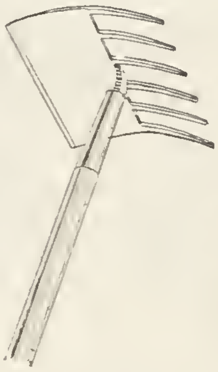
MICHELL'S EXCELSIOR STEEL GARDEN RAKE

Nicely balanced; 16-tooth only. Price, 75c.

HOE AND RAKE (Combined)

An excellent tool for ladies, combining simplicity and utility. Made of the very best steel, which will outlast several cheaper tools of the same class.

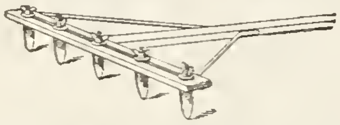
No. 4P.	4-prong	$1.10
No. 6P.	6-prong	1.20



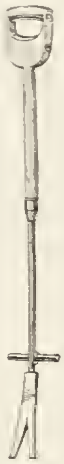
DOCK LIFTER

For field and farm use; will uproot the deepest seated weed or dock; has tremendous leverage. Made of wrought iron and oak wood; no wear out to it. Price, $4.25.

(Not Mailable.)



Marking Rake



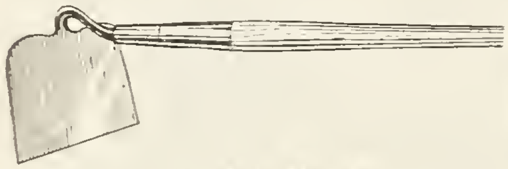
Dock Lifter

MARKING RAKE

Has a spread of 4½ ft.; equipped with five adjustable brass teeth; no better method of row marking can be employed; suited for setting plants or sowing seed. The frame and handle are oak; no wear out to it. Price, $6.50.

(Not Mailable.)

Extra Teeth for same. Price, 75c. (by parcel post, 85c.).

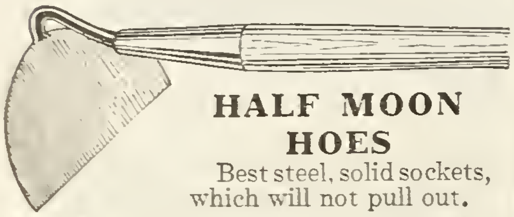


SQUARE HOES

No. G06.	6 inch, solid shank	$1.00
No. G07.	7 inch, solid shank	1.00
No. G08.	8 inch, solid shank	1.10
No. 10	10 inch, for celery	1.75

MICHELL'S SPECIAL SQUARE HOE

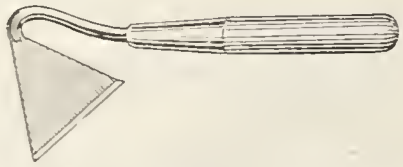
7-inch only; solid shank; 4½ foot handle. Price, 60c.



HALF MOON HOES

Best steel, solid sockets, which will not pull out.

No. HM4.	4 inch	$0.95
No. HM6.	6 inch	1.00
No. HM7.	7 inch	1.05



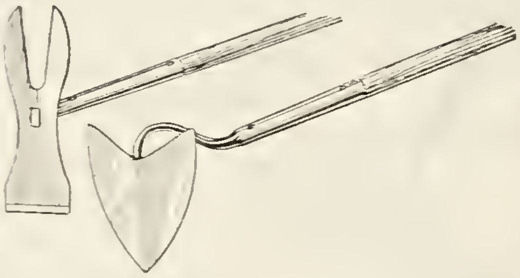
SPECIAL STEEL WEEDING HOE

No. 3W. Short Handle, 60c. (by P. P., 70c.).

TWO-PRONG ONION HOE

Will be found very valuable in weeding in narrow rows. (See cut below.)

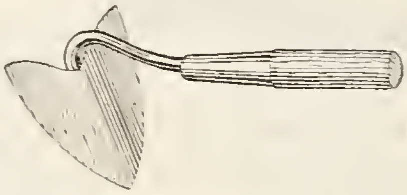
No. 2P. Price $0.60



WARREN HOES

Excellent tools for making drills preparatory to sowing of seed. The backs can be used for covering. (See cut above.)

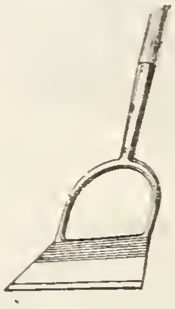
No. W7.	7 inch	$1.25
No. W7½.	7½ inch	1.50



BABY WARREN HOE

No. BW4½. Short Handle, 60c. (by P. P., 70c.).

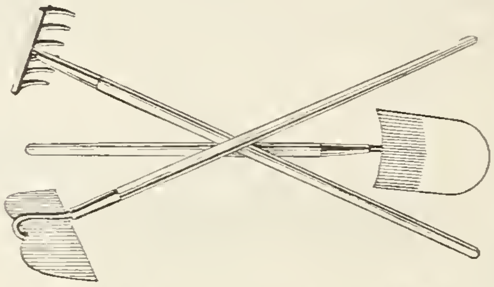
SCUFFLE HOES



Made of best steel.

5 inch	$0.85
6 inch	.90
7 inch	.95
8 inch	1.00
9 inch	1.05
10 inch	1.15

Handles for Scuffle Hoes, 25c. each, extra.



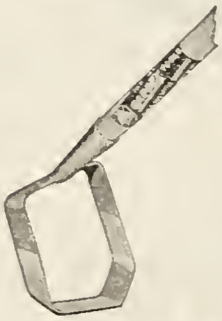
GARDEN TOOL SET

For ladies and children, in fact they are suitable for the country gentleman, consisting of 1 hoe, 1 rake and 1 spade.

No. 3PF large size, per set, $1.75.

GARDEX TOOLS

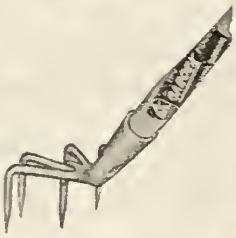
Made of finest grade, high carbon steel.



PULL HOE

Weeds as it cultivates.

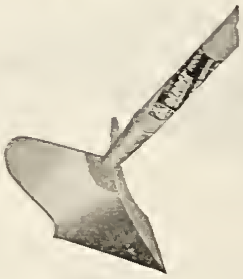
No. 1004.	4 in. wide; 4½ foot handle	$0.95
No. 1005½.	5½ in. wide; 5 ft. handle	1.10



CULTI-CLAW

The ideal tool for flower and rock gardens.

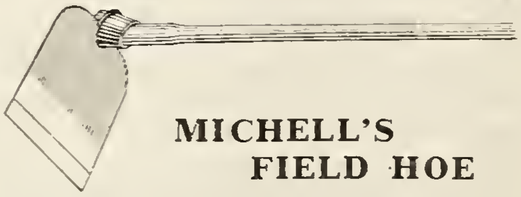
No. 180. 4½ ft. handle $0.95



HAND PLOW

Excellent for hilling corn, potatoes or any plants.

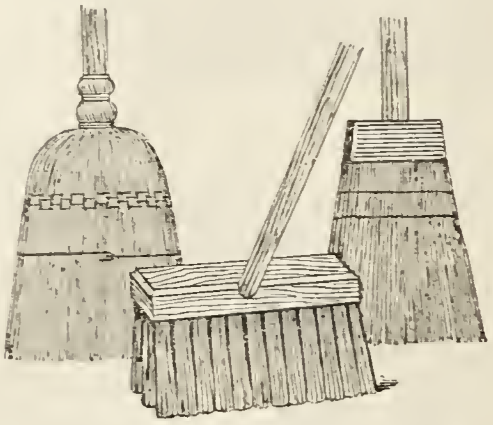
No. 2006. 6 in. wide; 5 ft. handle $1.60



MICHELL'S FIELD HOE

For digging up stubble, small stumps, small plots of ground for planting purposes, etc.

No. GE40.	5½-inch blade, each	$0.85
No. IGH7.	7-inch blade, extra heavy, each	1.75



Plain Corn *Rattan Push* *Jap. Fibre*

BROOMS AND BRUSHES

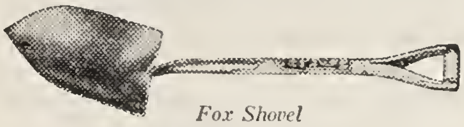
For sweeping paths, gutters, roads, etc.; all with handles.

Brooms

No. 230.	Japanese Fibre	$1.00
No. 8.	Corn and Rattan mixed	.90
	Golf Greens (Birch)	.30
No. 7.	Plain Corn, extra quality	1.00

Road Brushes

No. 1414.	Bass or Cocoa Push, 14 inch	$1.00
No. 271.	Rattan Push, 14 inch	1.00



Fox Shovel

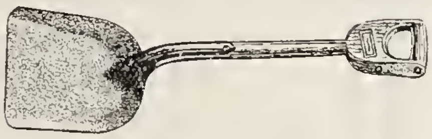
SHOVELS

Long Handle

Fox, round point	$1.75
Fox, square point	1.75
Conneaut, round point	1.85
Conneaut, square point	1.85
Empire, round point	1.25
Empire, square point	1.25

Short Handle

Fox, round point	$1.75
Fox, square point	1.75
Conneaut, round point	1.85
Conneaut, square point	1.85
Empire, round point	1.25
Empire, square point	1.25



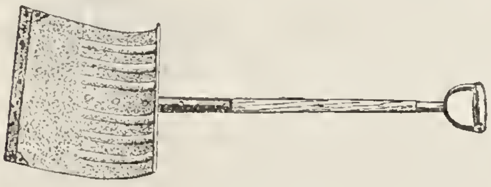
STEEL SCOOP SHOVELS

Strapped shanks, wood D or short handles.

No. 1.	9 inch mouth	$1.45
No. 2.	10 inch mouth	1.50
No. 3.	11 inch mouth	1.55
No. 4.	11½ inch mouth	1.60
No. 5.	12 inch mouth	1.65
No. 6.	13 inch mouth	1.70

WIRE SCOOP SHOVEL

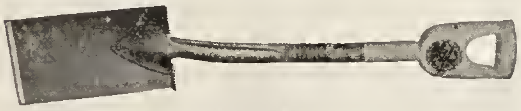
For handling potatoes, turnips and root crops without bruising or cutting. Made of heavy steel wire $2.75



Owosso Snow Shovel

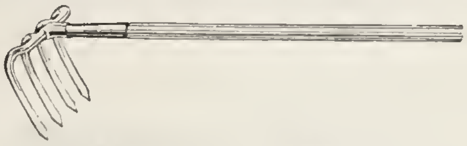
SNOW SHOVELS

Owosso.	Galvanized, 16 inches wide	$1.40
Owosso.	20 inches wide	1.75
No. 74.	**Cole.** Wood, 20x16 inch	1.25
No. 218.	**Cronk.** Steel	1.50



STEEL SPADES

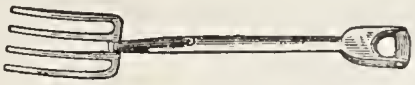
Fox, short handle	$1.75
Fox, ladies' polished	1.75
Conneaut, short handle	1.85
Nursery, Conneaut's Special	3.50
Empire, short handle	1.25
Boys'	1.50



MANURE DRAGS

For spreading manure, digging potatoes, etc. Flat tines.

No. 4.	4 tine	$1.25
No. 6.	6 tine	1.75



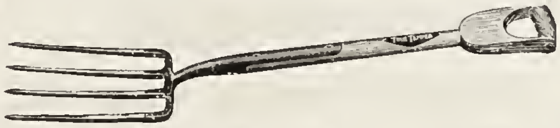
SPADING FORKS

Strapped shanks, short or D-wood handle. Made of best quality steel.

No. OHW.	Men's 4 tine	$1.75
No. O5HW.	Men's 5 tine	2.10
No. B4D.	Boys' or Ladies' 4 tine	.90

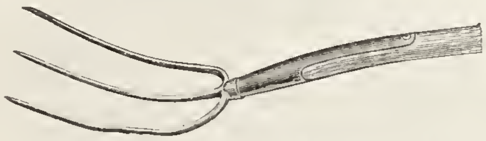
MICHELL'S SPECIAL SPADING FORK

No. POL4. 4 tine; nicely finished, with D bachelor handle, medium weight. Price, $1.00.



ENGLISH DIGGING FORK

No. ED4. The prongs are solid steel, with square instead of round edges, which adapts it especially for digging in heavy soil, in which it works with ease. Every gardener should add one of these to his collection of tools. 4 tine, $2.75 each.



STEEL HAY FORKS

O35B.	3 tine, 5 foot handle	$1.50
O36B.	3 tine, 6 foot handle	1.75

WOOD HAY FORKS

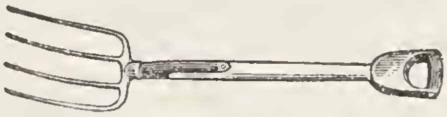
3 tine	$1.50

LIGHTNING HAY KNIFE

For cutting down hay in mows, stack or bale, also for ensilage or dry corn fodder. Price, $3.00.

IMPLEMENT HANDLES

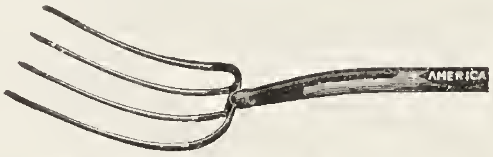
	Each
Axe	$0.50
Spade, plain	.50
Fork, Spading, plain	.85
Fork, Manure, plain, short	.50
Fork, Manure, plain, long	.50
Shovel and Spade, short, plain	.50
Hoe, plain	.25
Rake, plain	.30
Pick or Mattock	.50
12 foot Poles . . $2.00 | 14 foot Poles	2.25



MANURE FORKS

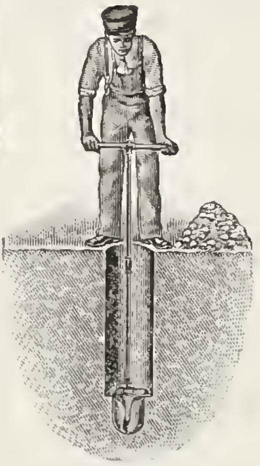
Strapped Shanks.

04W	4 tine, light, short handle	$1.75
163	4 tine, heavy, short handle	2.00
05W	5 tine, medium, short handle	1.95
06W	6 tine, medium, short handle	2.00
044½	4 tine, long handle	1.50
054½	5 tine, long handle	1.75



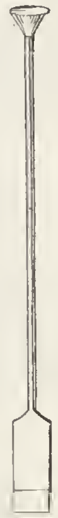
MICHELL'S SPECIAL MANURE FORK

No. 04D2; 4 tine, strap ferrule, iron D handle. Price, $1.00.



No. 8 Digger

Eureka



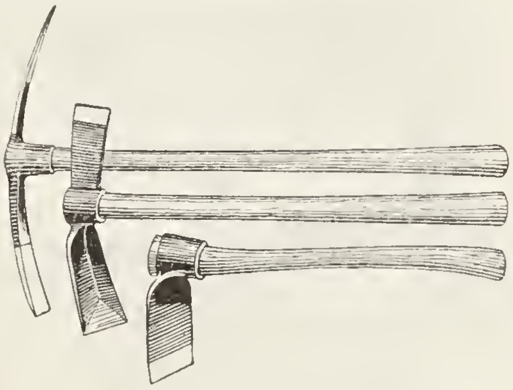
Spade

POSTHOLE DIGGERS

No. 8. This bores a hole 3½ ft. deep and can be adjusted in diameter from 8 to 14 inches, $5.50.

No. 15. Eureka, $2.00.

Post Hole Spade. All steel with tamper end, $3.00.



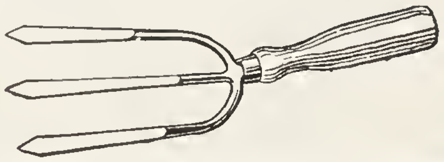
PICKS (Price includes Handle)

All steel, double point, $1.50.

MATTOCKS (Price includes Handle)

Axe pointed	$1.50
Pick pointed	1.50
Half Mattocks or Grub Hoes	1.25

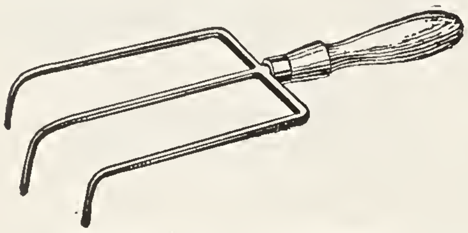
Parcel Post charges where named are for shipment up to and including the second zone; for other zones, please see parcel post table, page 1.



EUREKA WEEDING FORK

No. 300. Made of best flexible steel; splendid for loosening soil in the garden, in hotbeds, etc. Short handle, 50c.

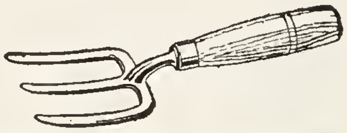
No. G4. Long handle, 75c. each.



EUREKA WEEDER

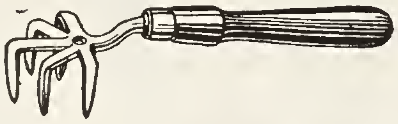
No. E. Made of flexible steel; very light, an ideal tool for market gardeners, florists and amateurs. Short handle, 50c.

No. EL4. Long handle, 75c. each.



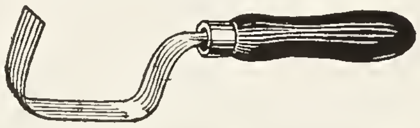
EXCELSIOR WEEDING FORK

No. 444. Made of malleable steel, finished in tin, 15c. (by parcel post, 25c.).



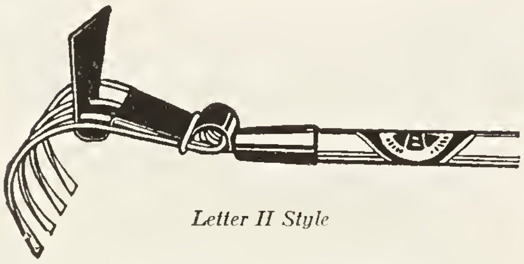
EXCELSIOR WEEDER

Made of malleable iron, finished in tin, 15c. (by parcel post, 25c.).



HAZELTINE WEEDER

No. BW1, 30c. (by parcel post, 40c.).

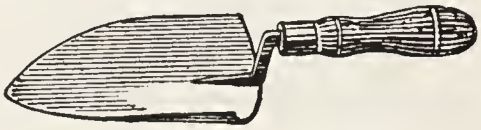


Letter H Style

MAGIC WEEDER

Made of heavy galvanized flexible wire with flattened prongs or ends.

Letter A.	Short Handle, small (by parcel post, 30c.).	$0.20
Letter B.	Short Handle, medium	.25
Letter F.	Long Handle	.75
Letter H	Long Handle, large	1.25

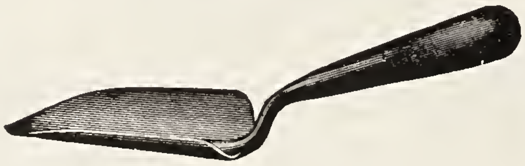


JOHNSON STEEL TROWELS, No. 211

These are made of one piece steel blade and shank, equal to the imported trowels.

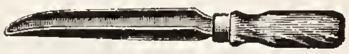
5 inch	$0.70	6 inch	$0.75
7 inch	$0.80		

If wanted by parcel post, add 10c. each.



D. S. T. STEEL SHANE TROWEL

These are somewhat long in blade and handle, making a very practical tool. 6 inch blade, 85c. each (by parcel post, 95c.).



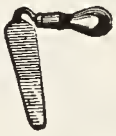
CLEVES' ANGLE TROWEL

No. 217. For getting dandelion, plantain and other weeds out of the lawn, and transplanting.

	Each	P. Post Each
5 inch	$0.20	$0.30
6 inch	.25	.35
7 inch	.30	.40

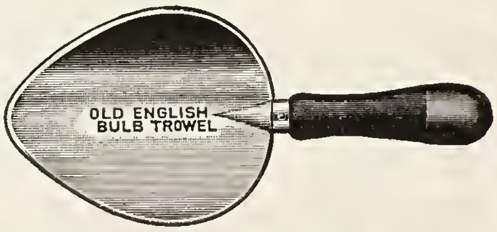
MISCELLANEOUS TROWELS

	Each	By P. Post
No. 700. Neverbreak, 5 inch heavy steel	$0.15	$0.25
No. 215. Steel, wood handle	.25	.35



TRANSPLANTING TROWEL

Steel shank and blade, 75c. (by parcel post, 85c.).

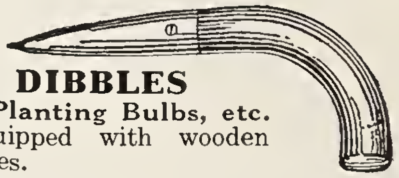


OLD ENGLISH BULB TROWEL

Heart-shaped blade, 4¾ inches wide, for planting out bulbs and plants. Price, $1.00 (by parcel post, $1.10).

LONG HANDLE TROWEL

Steel blade, wooden handle; 16 inches over all. 30c. each (by parcel post, 40c.).



DIBBLES

For Planting Bulbs, etc.

Equipped with wooden handles.

No. 2180. Brass point, $1.00 (by parcel post, $1.10).

No. 218. Iron point, 85c. (by parcel post, 95c.).

KNEELING PADS

Will protect the clothing and prevent dampness from affecting the knees. Price, 50c.

TREE SCRAPER

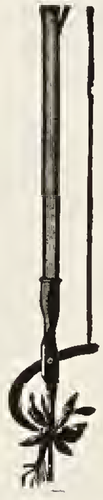
For removing loose bark from trees prior to spraying. Steel blade may be detached and sharpened.

No. 3, short handle, 65c. (by P. P. 75c.).
No. 5, 2 foot handle, extra heavy, $1.50

TREE OR BARK BRUSHES

For brushing down trees for removing insects, borers, etc. Made of steel.

Price, 8½ inch, 40c. (by parcel post, 50c.).



Cleveland

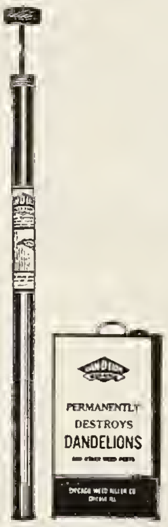
CLEVELAND LAWN WEEDER

Easy to operate, saves the back. The curved edge of the blade enters and loosens the soil, pressure on the lever then causes the toothed jaw to grasp the plant and a slight pull dislodges it, without disturbing the surrounding soil. Price, $1.25.

DAN-D-LION KILLER-KEMICAL

A small amount applied at the Crown of the plant will cause the plant to shrivel up and in a few days the foliage above the ground will wither away, while the decayed root provides fertilization, so that the surrounding grass soon crowds in and covers the spot without reseeding.

It will also destroy plantain, thistles and other types of vegetation. Per qt., 85c.; $1.25 per ½ gal.; gal., $2.00; $9.50 per 5 gals.



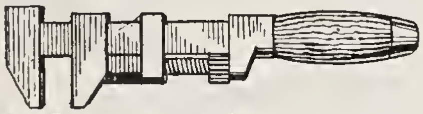
The Killer Kane

A tube with a valve at the bottom; fill the tube with Killer-Kemical and set the Kane down over the crown of the weed to be destroyed; a slight pressure on the handle releases a small amount of Killer-Kemical. Price, $1.00.

Killer Kit

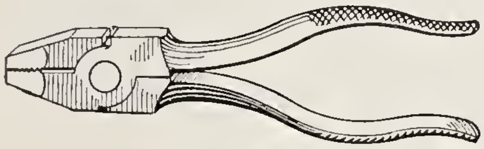
Includes Killer Kane, ½ gal. Kemical; special combination. Price, $2.10.

Parcel Post charges where named are for shipment to the first and second zones; for other zones, see parcel post table, page 1.



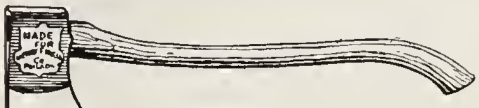
MONKEY WRENCHES

For machinery. Made of first quality hard steel.
8 inch, $1.00 (by P. P, $1.15).
10 inch, $1.25 (by P. P., $1.40).



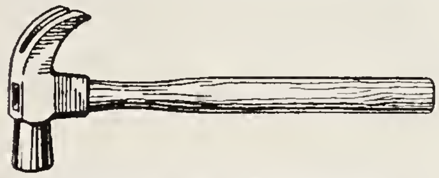
STEEL PLIERS

No.		Each	By P.P. Each
70.	Side cutting, 6 inch	$1.00	$1.10
70.	Side cutting, 7 inch	1.25	1.35



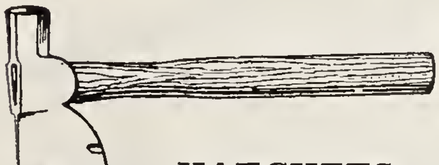
AXES

Plumb Make. Medium, man's size, made of best quality steel, $2.50 (by P.P.,$2.70).



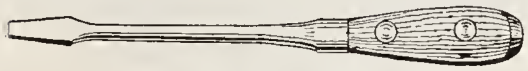
STEEL HAMMERS

No. 0374 Pexto, 85c. (by P. P., 95c.).



HATCHETS

Made of the best quality tool steel, that will keep an edge.
Plumb, $1.00 (by P. P., $1.15).



SCREW DRIVERS

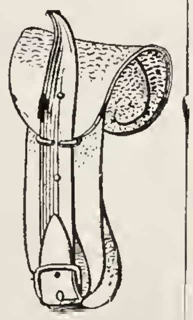
4 inch blade	$0.30	6 inch blade	$0.40
5 inch blade	.35	8 inch blade	.50
10 inch blade	$0.60		

If wanted by Parcel Post, add 10c. each, for postage.

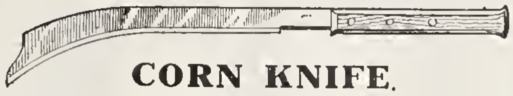
HUSKING PINS

THE BOSS

Combination, leather and metal. Price, 25c. each.

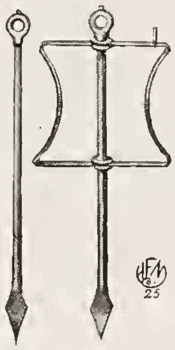


No. 16



CORN KNIFE.

No. 300. **Eureka.** Bent blade. Price, 70c. (by P. P., 85c.).

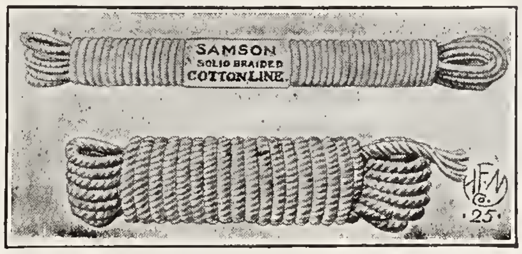


Single

GARDEN REELS

Small, Single, $1.50 (by P. P., $1.60).

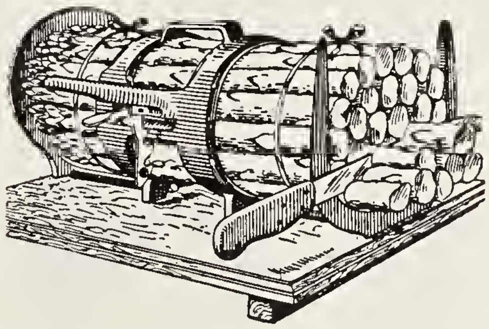
Medium, Single, $2.00 (by P. P., $2.15).



GARDEN LINE

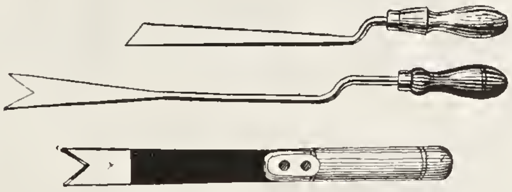
Best quality white cotton braid woven closely.

	Each	By P.P. Each
100 ft. hanks	$1.00	$1.10
Plow Line, Cotton, 45 ft. hanks	.60	.70



ASPARAGUS BUNCHERS

Even where one has a limited amount of asparagus to market, it pays to use a buncher. Price, with knife guard, $4.50 (by P. P., $4.70).



ASPARAGUS KNIVES

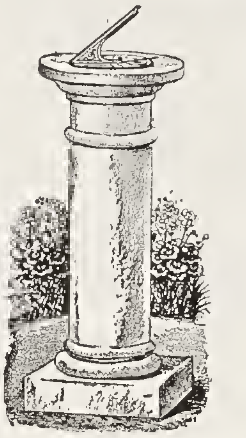
	Each	By P.P. Each
No. 2501 (top illustration)	$0.50	$0.60
No. 2500 (center illustration)	.50	.60
No. 2311 (bottom illustration)	.40	.50

ASPARAGUS TAPE

Fast red, 1000 yard spool, $4.00 (by P. P., $4.15).

Green, 1000 yard spool, $3.00 (by P. P., $3.15).

SUN DIALS

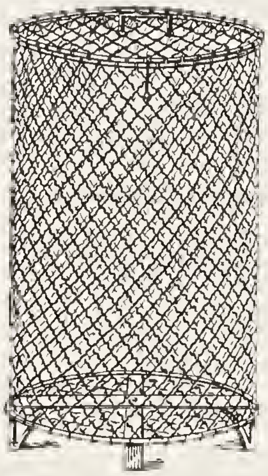


These ancient time-tellers are a part of every exclusive flower or vegetable garden and indeed a very interesting one.

No. 350. 8 in. diam., bronze, plain, $4.50 (by P. P., $4.70).
No. 351. 9½ in. diam., bronze, with motto, $5.00 (by P.P.,$5.20).
No. 105. 10 in. diam., bronze, with motto, $6.00 (by P.P.,$6.20).
No. 107. 11 in. diam., bronze, with motto, $7.50 (by P.P.,$7.70).

Prices do not include pedestal.

RUBBISH CONSUMERS



No. 20 Rubbish Consumer

No. 5. Made of heavy crimped wire; pressed steel top and bottom; painted green. 29 inches high. Price, $4.50 each.

Extra Heavy Construction

No. 10, 16x22 inch....... $11.50
No. 20, 20x30 inch....... 16.50

Elgin Mouse Trap

ELGIN TRAPS

Made entirely of steel, nickel plated; will not warp or crack.

	Each	By P.P. Each
Mouse	$0.10	$0.15
Rat	.25	.30

Parcel Post charges where named are for shipment to the first and second zones; for other zones, please see parcel post table, page 1.

17051
04993
7954
727W
778W
7940
7941
7956
HFM

HORTICULTURAL KNIVES

Our stock consists of such styles that are practical and in demand. They are all of the best steel. Every one is guaranteed to give good satisfaction.

WOSTENHOLM ENGLISH

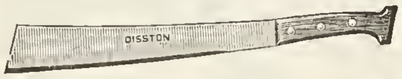
No.		Each
7705	Pruning, 1 blade, stag handle, extra heavy	$3.00
7940	Budding, 1 blade, white handle	2.75
7941	Budding, 1 blade, white handle	3.00
7954	Budding, 2 blades, white handle	3.00
7956	Budding, 2 blades, white handle	4.00
17051	Pruning, 2 blades, white handle	3.25

AMERICAN MAKE

105	Pruning, 1 blade, cocoa handle	1.10
R1955	Budding, 1 blade, white handle	1.00
R4495	(Old No. 727W) Budding, 2 blades, white handle	1.25
R3853	(Old No. 04993) Budding and Pruning, 2 blades, stag handle	1.10
Florists' Favorite.	1 blade, white handle; an excellent knife for the gardener	$1.00

BRUSH OR BRIAR HOOK

No. 43. Long handle $0.75

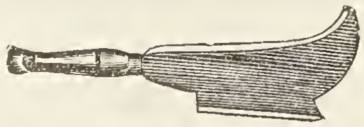


No. 1. Hedge Knife

STEEL HEDGE KNIVES

For cutting heavy brush, shrubbery, hedges, etc. Made of the finest steel.

No. 1. Short handle (by P. P., $1.00) .. $0.75

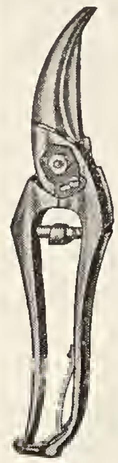


ENGLISH BILL HOOKS

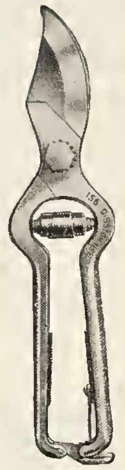
For trimming heavy shrubbery, trees, etc.

Short Handle, $2.25 (by P. P., $2.40).

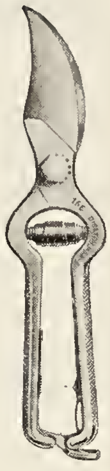
Long Handle, $3.50 (by P. P., $3.65).



100



156



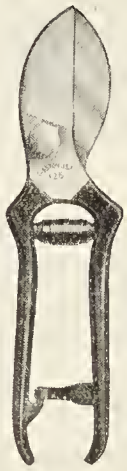
166

PRUNING SHEARS

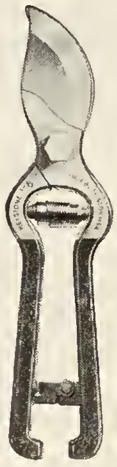
Our pruning shears are procured from the most reliable makers and fully guaranteed.

If wanted by Parcel Post, add 15c. each for postage and insurance.

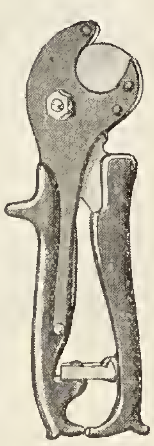
No.		Length	Each
100	Michell	9 in.	$4.00
156	Disston	8½ in.	2.75
126	Disston	8⅛ in.	1.50
136	Disston	9 in.	1.25
116	Disston	9 in.	.75
5945	Elbersmit	9 in.	2.50
5720	Elbersmit, Nickeled	6½ in.	2.00
1586	French	7 in.	2.25
1586	French	8 in.	2.50
23	Levin		.75



126



116

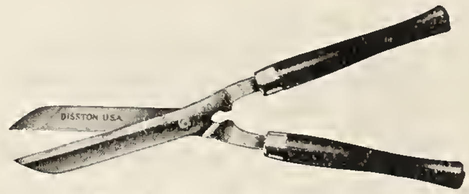


23

No.		Length	Each
5	Pexto	9 in.	$0.50
109	Wiss	8 in.	3.25

Spiral Springs for any of the above Pruning shears (excepting French), 20c. each; per doz., $2.00.

For French pruning shears, 35c. each.


DISSTON U.S.A.

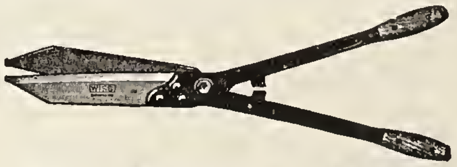
HEDGE SHEARS

If wanted by Parcel Post, add 20c. each for postage.

No.		Disston	English
101A	6 inch, Ladies'	$1.75	
101A	8 inch	2.50	$3.50
101A	9 inch	2.75	3.75
101A	10 inch	3.00	4.25
101A	12 inch		5.50

Bolts and Nuts for hedge shears, 30c.

Handles for Hedge Shears, $1.00 per pair.

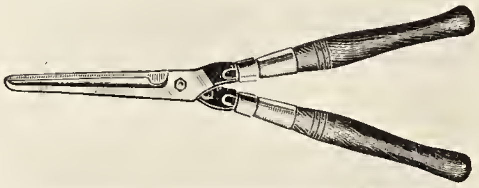


WISS HEDGE SHEARS

Superior construction; blades of high carbon steel, accurately hardened and tempered. Handles of drop forged steel with comfortable wood grip handles, don't tire the arms.

If wanted by Parcel Post, add 20c. each for postage.

6½-inch	$2.25
7½-inch	2.50
8 -inch	2.75
9 -inch	3.25
10 -inch	3.50



CLYDE HEDGE SHEARS

No. 5430-W. Drop forged solid tool steel blades, notched, full polished; handles made of ash, 12 in. long; blades 8 in. Price, $2.00.

No. 5435. Especially for ladies' use. Drop forged solid tool steel; handles made of black walnut, 9 in. long; blades 6 in. Price, $1.50.

LEATHER PRUNING GLOVES

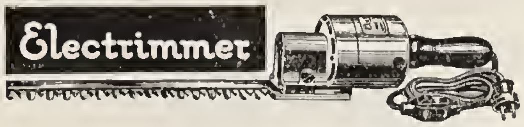
If wanted by Parcel Post, add 10c. per pair for postage.

	Pair
No. 225. Horsehide, with gauntlets, not lined	$2.50
No. 280. Horsehide, with gauntlets, lined	1.85
No. 228F. Horsehide, no gauntlets, not lined	2.50
No. 217SR. Horsehide, with gauntlets, not lined	1.50

Eezy Wear

EEZY WEAR GARDEN GLOVES

A soft, pliable, all-leather, dirt-proof glove for both men and women, specially adapted for general home use. 75c. per pair.



Trims hedges 10 times faster.

AND IT'S FUN . . . NOT WORK. Operates from any ordinary light socket; cuts a clean, perfect swath through the toughest hedge growth. Trims 100 ft. of hedge, top and sides in 30 minutes.

The most powerful electric hedge trimmer; weighs only 6 lbs. Thousands of satisfied users everywhere say that ELECTRIMMER is the finest, strongest, most practical hedge cutter ever produced . . . and many state that it saves so much over slow costly hand labor it PAYS FOR ITSELF IN A SINGLE SEASON.

Complete with 8 ft. cord	$29.50
100 ft. best quality 18 ga. ext. cord	3.50
200 ft. best quality 16 ga. ext. cord	8.50

LITTLE WONDER HEDGE TRIMMER

The little Wonder Hedge Trimmer cuts every variety of hedge grown, five to six times faster than the old-fashioned hand shear method; makes hedge cutting a pleasure. Long cutting bars which make a quick and even cut; made strong and sturdy; built to last many years.

Junior. 30-inch cut, price, $25.00.

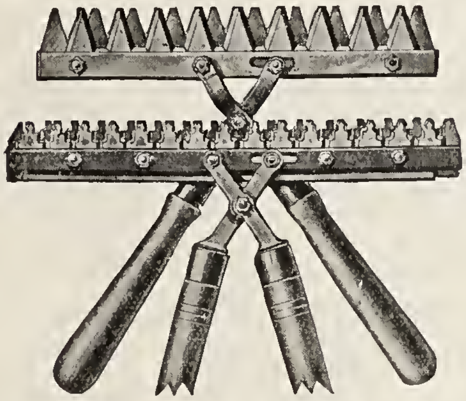
Little Wonder. 40-inch cut, price, $27.50.

Little Wonder. 60-inch cut, price, $35.00.

Little Wonder, Jr. Electric. 25-inch cut, price, $65.00.

SIMPLICITY HEDGE TRIMMER

No. 100. To be used for fresh new growth only. Works rapidly and easily. It will trim every variety of hedge grown and to any shape desired. $3.50 (by P. P., $3.75).



SIMPLICITY HEDGE PRUNER AND TRIMMER

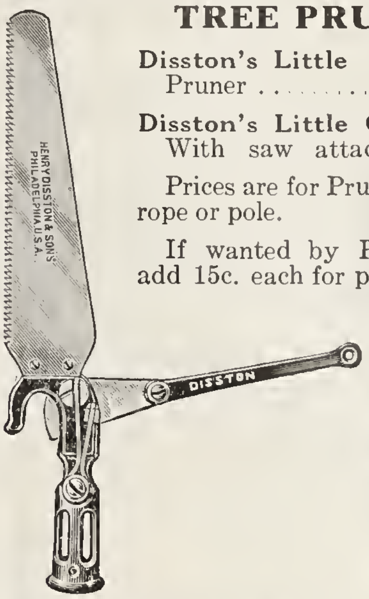
No. 101. For pruning back old growth and trimming new, $4.50 (by P. P., $4.75).

PRUNING COMPOUND

Used for painting the wounds of trees after pruning.

1 quart	$0.50
1 gallon	1.50

TREE PRUNERS


HENRY DISSTON & SONS PHILADELPHIA U.S.A.
DISSTON

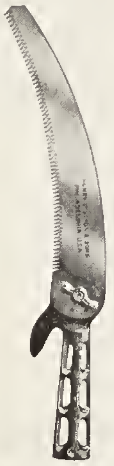
Disston's Little Giant. Pruner	$2.25
Disston's Little Giant. With saw attachment	3.25

Prices are for Pruner without rope or pole.

If wanted by Parcel Post, add 15c. each for postage.

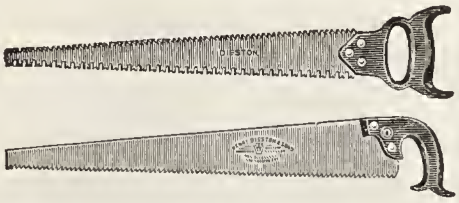
No. 111 Adjustable Pole Pruning Saw

Adapted for sawing by hand or attached to a pole; handle made of malleable iron with socket, can be adjusted to different angles. Price, without pole, $2.00.



Poles for Tree Pruners

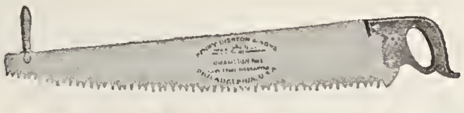
12 feet long, 1½-inch diameter	$2.00
14 feet long, 1½-inch diameter	2.25



DISSTON PRUNING SAWS

If wanted by Parcel Post, add 15c. each for postage.

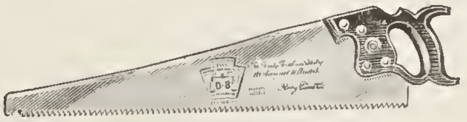
No. 4.	18-inch.	Double edge	$1.40
No. 4.	20-inch.	Double edge	1.50
No. 7.	16-inch.	Single edge	1.25
No. 7.	18-inch.	Single edge	1.30
No. 7.	20-inch.	Single edge	1.35
No. 5.	20-inch.	Double edge, curved blade	1.50
14-inch **California Pattern.**		Crescent shaped blade	1.10



CROSS CUT LOG SAWS

Disston Make

No. 554 Champion, one-man, 3 ft. blade	$3.50
Gt. American, two-man, 5 ft. blade	5.50



CARPENTER SAWS

State if rip or cross cut is wanted

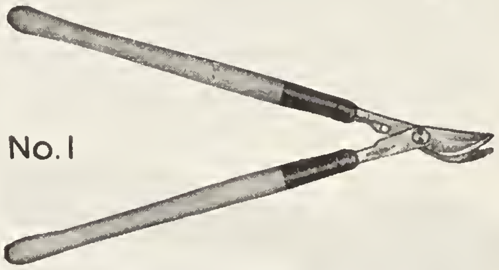
Disston No. 8D. 26-inch blade	$2.75

CLYDE TREE TRIMMER

No. 5407. Both blade and hook are made from the best tool steel, firmly riveted to basswood handles. Removable cutting blade and pole complete.

6 feet	$2.00
8 feet	2.25
10 feet	2.50
12 feet	2.75
14 feet	3.00

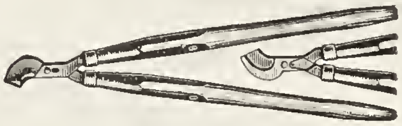
Extra blades for Clyde Pruners, 25c. each.



LOPPING SHEARS

No. 1. Disston Lopping. Polished hardwood handle, 20 inches long; 27½ inches over all; heavy ferrule; heavy blades for heavy work; weight, 3¼ lbs. Price, $3.00 (by P. P., $3.15).

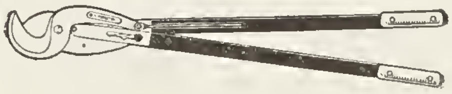
No. 3. Disston Bull Dog Lopping. Both jaws curved and both cutting jaws; weight 3⅓ lbs. Price, $2.75 (by P. P., $2.90).



Clyde Draw Cut Lopping Shear

CLYDE DRAW CUT LOPPING SHEAR

No. 5402. Blade, hook and shank are forged from tool steel; natural finish ash handles; pressed steel strapped ferrule and cap; length of handles, 30-inch. Price, $3.50 (by P. P., $3.70).



No. 1 Forester Lopping Shear

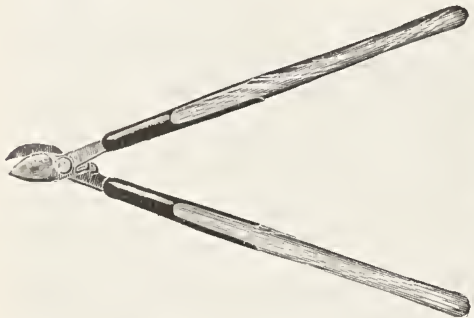
FORESTER LOPPING SHEARS

A powerful and ruggedly built shear; has patented slide-shift power slot.

No. 1. 20 inches long; capacity, $1\frac{3}{16}$ inches; weight, 2 lbs., 10 ozs. Price, $4.25 (by P. P., $4.40).

No. 2. 27 inches long; capacity 1½ inches; weight, 4 lbs., 10 ozs. Price, $5.50 each (by P. P., $5.70).

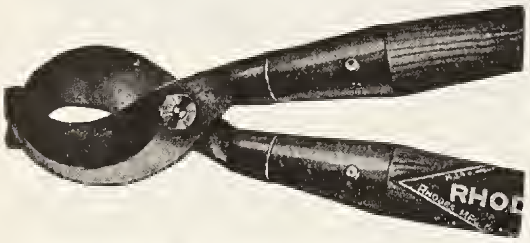
Parcel Post charges where named are for shipment to the first and second zones; for other zones, see parcel post table, page 1.



Clyde Lopping Shear

CLYDE LOPPING SHEAR

5409. Solid tool steel blade and hook; hardened steel bolt with lock nut; handles natural finish ash; polished pressed steel ferrule and cap; length of handles, 24 inches. Price, $1.75 (by P. P., $1.90).



RHODES LOPPING SHEAR

Makes an absolutely clean, perfect cut; the blades are concaved at the cutting edge, producing with the handles an enormous leverage. The easiest operating Lopping Shear ever made or sold. 26-inch and 30-inch handles. Price, $3.50 (by P. P., $3.70).

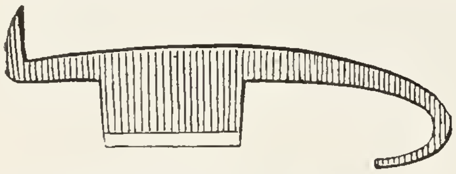
No. 7 Lopping Shear

No. 7 LOPPING SHEAR

Cuts 1½-inch limbs with ease; 24 inches long. Price, $3.25 (by P. P., $3.40).

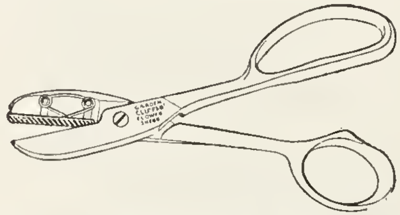
GRAFTING WAX

¼ lb., 20c.; 30c. per ½ lb. (by P. P., 35c.); 1 lb., 50c. (by P. P., 60c.).



GRAFTING TOOL

Made of the best steel. For grafting trees, etc. Price, $1.25 (by P. P., $1.35).

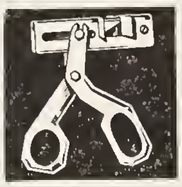


Eversharp Flower Shear

EVERSHARP FLOWER SHEAR

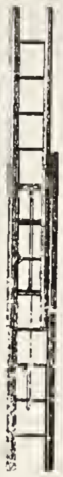
No. 1248. A wonderful help for cutting and gathering flowers; snips and holds in one motion; handy for picking flowers that are hard to reach. Price, 75c. (by P. P., 85c.)

WILT-LESS FLOWER CUTTER



Makes a clean, slicing cut; it cuts the stem slantwise; no crushing; rustless; flowers cut the wilt-less way always keep better. Price, $1.75 (by P. P., $1.85).

COMPOUND EXTENSION LADDERS



These are made in the best manner possible; are complete, being equipped with the necessary rope and pulleys.

20 feet	60c. per foot
22 feet	
24 feet	
28 feet	
30 feet	
32 feet	
36 feet	65c. per foot
38 feet	
40 feet	

SINGLE PLANK LADDERS

Made of good hard wood, free from faulty knots and with perfect rounds.

10 feet	$5.00	16 feet	$8.00
12 feet	6.00	18 feet	9.00
14 feet	7.00	20 feet	10.00
22 feet	$11.00		

STEPLADDERS

Columbia. 3 step up to 10 step, 50c. per step.

BUCK SAW

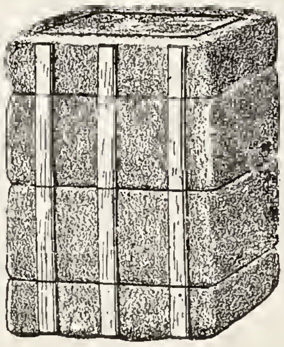
No. 50. Each, $1.25 (by P. P., $1.50).

SAW-HORSE or WOODBUCK

No. 2. Each, $1.25 (by P. P., $1.40).

PEAT MOSS, TORF MULL

(Imported, Granulated)



Peat Moss

A moisture retaining humus and an aid for saving soil fertility. It furnishes the needed organic matter which all soils require. For lawns, cover lightly in the fall with Peat Moss. Cover all perennial beds with 1 to 2 inches of Peat Moss; for shrubs and evergreens mulch to a depth of 3 inches or more. For roses, dig deeply and incorporate with the soil Peat Moss to the depth of 6 inches, before spading. For the flower garden, spread evenly from 3 to 6 inches deep a covering of Peat Moss, mixing well with the soil. For window or porch boxes, mix a good proportion of Peat Moss with some rich compost or soil. For the greenhouse, mix Peat Moss with the potting soil.

¼ size bale	$1.50
Large bale	3.50

ELLISCO BEETLE CATCHERS

Type 0. A small neat container with a standard thread on bottom to fit any Mason jar. The Beetles pass through the trays into the jar where they can easily be destroyed; made of tin, enameled green all over. Price without jar, 40c. each.

Type 4. This is the most recent type, developed for the United States Department of Agriculture in experiments to control the spread of the Beetles. Made of rust-resisting galvanized steel and enameled green and white; fitted with a standard screw cap for one quart and two quart Mason jars.

Price without jar, $1.00 each.

Beetle Bait. Per ¼ lb., 25c.; 45c. per ½ lb.; lb., 80c.; $3.00 per 5 lbs.

MULCH PAPER

Cuts down garden labor, doubles all vegetable crops

A strong fibre paper impregnated with asphalt, designed for use in fields, orchards and gardens, under all sorts of conditions and tough enough to last an entire season.

Mulch Paper is applied to the soil surface after the proper preparation. This will eliminate weeds entirely and make cultivation and weeding unnecessary. Exhaustive tests have proven earlier crops are produced and in many cases increased the production over 100%. It also retains the moisture and brings crops to maturity far in advance of normal plantings. Wherever this paper has been used, it is known as the miracle paper. Made in two widths.

PRICES ON MULCH PAPER

Type A.—For Field Culture. 300 yards.
18 inches wide . . .$2.50 per roll
36 inches wide . . . 5.00 per roll

Type B.—For gardens, fruit trees and berries. 150 yards.
18 inches wide . . .$2.50 per roll
36 inches wide . . . 5.00 per roll

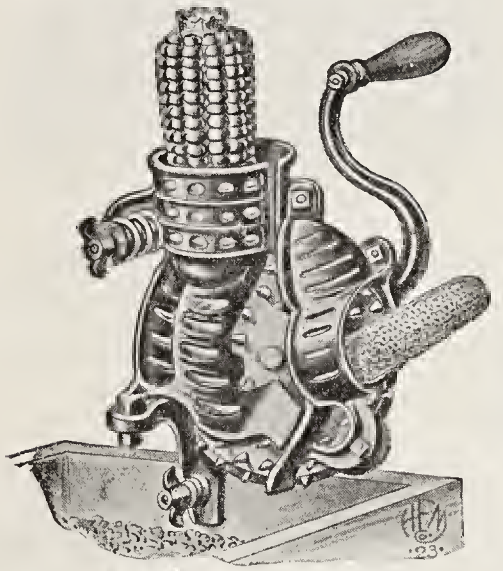
HYPER-HUMUS

NATURE'S OWN SOIL ENRICHER

Makes heavy soils light and porous, light soils heavy. No odor; no weeds.

See page 178.

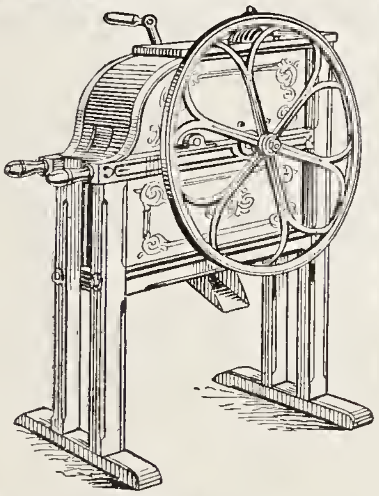
Parcel Post charges where named are for shipment to the first and second zones; for other zones, please see parcel post table, page 1.



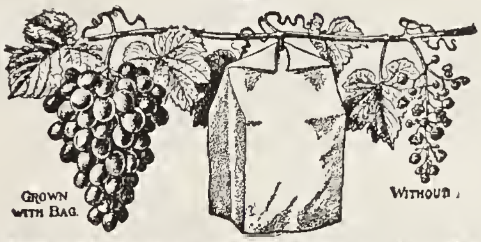
BLACK HAWK CORN SHELLER

Excellent for small poultry farms, etc. Ball bearing; suitable for fastening to a bench, box, etc., for shelling small quantities of corn. $3.00 each (by P. P., $3.25).

PENNA. CORN SHELLER No. 3



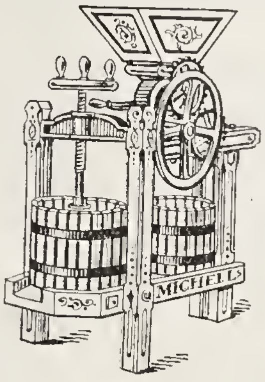
Useful on every farm and private estate. Separates the corn from the cob, throwing the cob to one side and allowing the corn to pass out another. $15.00.



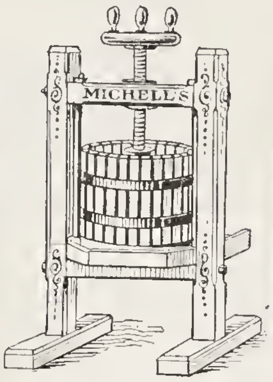
GRAPE PROTECTING BAGS

Thousands of bunches of grapes are wasted annually because they are not protected against the ravages of insects, birds, etc. Michell's Improved Grape Bags are economical, easily attached and last a season. The fruit ripens just as readily in them as it does in the open. The bags should be attached when the grapes are the size of a pea, prior to which it is suggested that they be sprayed (even though not affected) against blight or fungus; the bags should be left attached until the fruit is ready to harvest.

	100	P.P. per 100	1000
2 lb. size	$0.45	$0.55	$4.00
3 lb. size	.55	.65	4.75
4 lb. size	.65	.80	5.50



Cider Mill



Fruit Press

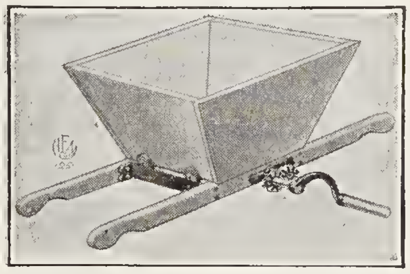
CIDER MILLS

	Capacity	Price
Junior	⅝ bu.	$25.00
Medium	¾ bu.	31.00
Senior	1¼ bu.	37.50

FRUIT PRESSES

Made of best quality wood, carefully bolted and finished.

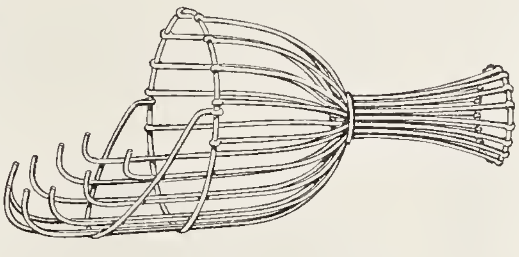
No.	Capacity	Price
1	¼ bu.	$7.00
2	½ bu.	9.00
3	1 bu.	13.50



GRAPE GRINDER

Suitable for crushing berries, grapes and similar soft fruit.

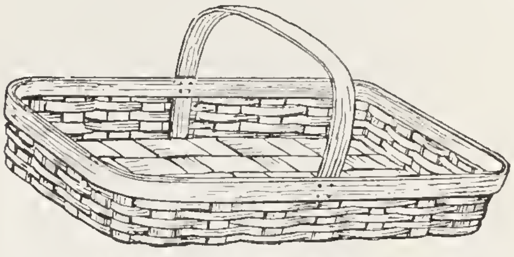
No. 18	$7.00
Handy Crusher	7.00



Boss Fruit Picker

BOSS FRUIT PICKER

Made substantially of galvanized wire. Can easily be attached to a pole of any length. Price, 50c. (by P. P., 60c.).



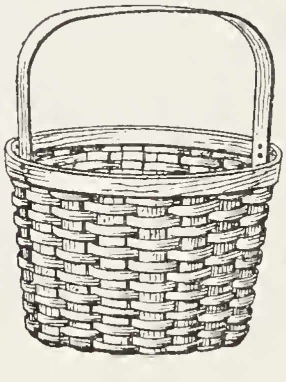
GATHERING BASKET

Very convenient for carrying berry boxes, asparagus and other vegetables. Made of oak, with substantial handles; 12 inches wide, 25 inches long, 4 inches deep. Price, $1.00 (by P. P., $1.20).

FLOWER PICKING BASKET

Especially designed for gathering flowers with long stems; feather weight and roomy; 19 inches long, 11 inches wide, 4 inches deep. Price, 75c. (by P. P., 90c.).

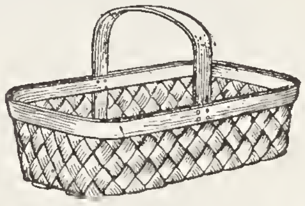
GARDEN BASKETS



No. 2, Stiff Handle
½ bu., 80c. each (by P. P., $1.00).

No. 3, Drop Handle
½ bu., 80c. each (by P. P., $1.00).

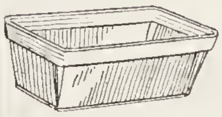
No. 4, without Handle
½ bu., 90c. each (by P. P., $1.05).
1 bu., $1.00 each (by P. P., $1.20).



SPLINT OR CHIP BASKETS

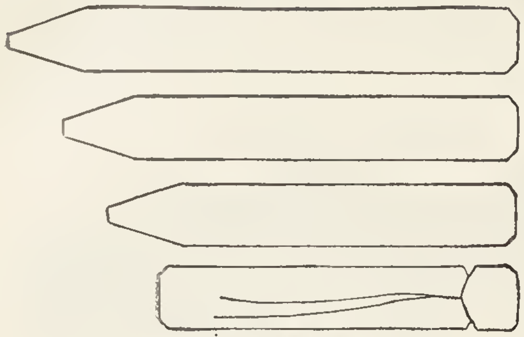
With Single Stiff Handles

	Each	Doz.
⅛ bu.	$0.12	$1.25
¼ bu.	.15	1.50
½ bu.	.20	1.75
¾ bu.	.25	2.75
1 bu.	.30	3.25



BERRY BOXES

	100	1000
1 pt.	$1.25	$11.00
1 qt.	1.25	11.00



TREE LABELS

If wanted by parcel post, add 10c. per 100, 25c. per 1000 for postage.

	100	1000
Iron Wired. Plain	$0.35	$2.25
Iron Wired. Painted	.40	2.65
Copper Wired. Plain	.40	2.60
Copper Wired. Painted	.50	3.00
Copper Sheet. Wired, 25c. doz.	1.60	
Zinc Sheet. Wired, 25c. doz.	1.60	

Indelible Marking Pencils. Each, 15c.

PAINTED POT LABELS

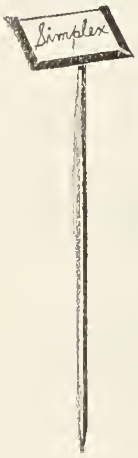
	100	By P.P. per 100	1000
4 inch	$0.35	$0.40	$2.15
4½ inch	.40	.45	2.65
5 inch	.45	.50	2.75
6 inch	.50	.60	3.25
8 inch	1.50	1.70	8.00
10 inch	1.60	1.90	9.00
12 inch	2.00	2.45	12.00
18 inch, for field use	4.75	5.00	43.50

The 18 inch field labels are not painted.

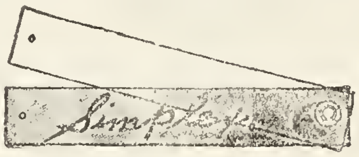
SIMPLEX CELLULOID POT LABELS

Made of white celluloid with specially prepared writing surface.

	Doz.	100
No. 21. 4 x ⅝ inch	$0.25	$2.00
No. 22. 5 x ¾ inch	.35	3.00



Garden Label



Plant Label

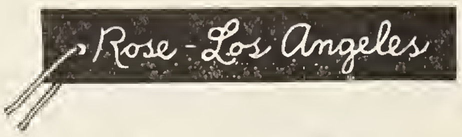
SIMPLEX WEATHER-PROOF PLANT LABEL

The material carrying the writing is white celluloid with a specially prepared surface, protected by a transparent cover of mica. Marking done with an ordinary lead pencil is not affected by the most severe weather conditions and will last for years; water entering under the cover will not deface the writing. Simplex Weather-proof Labels are adapted for all outdoor garden records.

Prices include copper wires for attaching.

Sizes	Doz.	100
No. 1—3 x ½ inch	$0.50	$3.00
No. 2—4 x ¾ inch	.85	5.00
No. 3—5 x 1 inch	1.10	7.00

If wanted by parcel post, add 5c. per doz.; 10c. per 100 for postage.



SIMPLEX GREEN WEATHER-PROOF PLANT LABEL

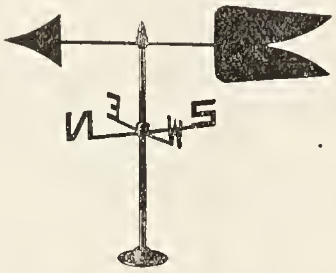
Easily marked with a sharp pointed steel stylus, which cuts through to the white base.

Sizes	Doz.	100
No. 31—3 x ½ inch	$0.45	$2.50
No. 32—4 x ¾ inch	.80	4.00
No. 33—5 x 1 inch	.90	5.50

SIMPLEX WEATHER-PROOF GARDEN LABEL

Card holder is made of special Armco rustproof galvanized iron. The stake is 24 inches long, finished in dark green, enameled.

	Each	Doz.
No. 10—2¾ x 1½ inches	$0.30	$3.00



WEATHER VANE

Made of aluminum and brass, will not rust; ball bearing. Finished in imitation gold and brass, or can gold leaf any vane.

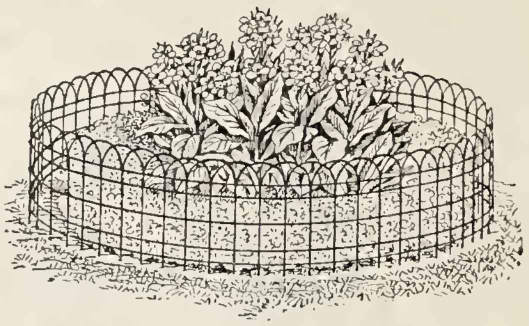
Arrow style; Model A. Height, 12 inches. Price, $2.00 each.

DANDELION KILLER

Now you can easily and safely remove dandelions from your lawn with the Dandelion Killer. During warm weather it kills almost over night, in cool weather a longer time is needed. Dandelion Killer is not toxic in the soil and after killing the dandelion, it acts as a lawn fertilizer. Price per 1 lb. can, 35c. (by P. P., 45c.).

"LL" HANDY APPLICATOR

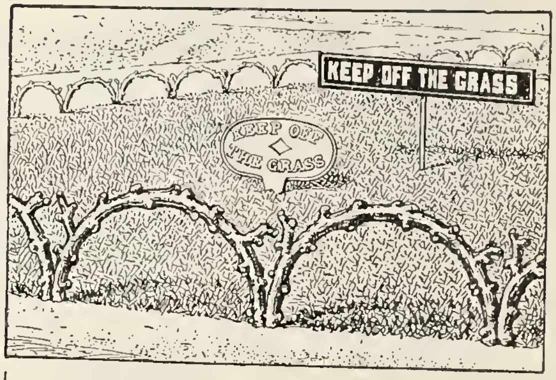
This is designed to apply any free flowing fertilizer in individual garden plants without stooping or touching the fertilizer. Instructions for applying fertilizer as well as Dandelion Killer are enclosed with each machine. Price, $1.00 each.



FLOWER BED FENCING

For putting around beds, lawns, etc. Any length desired up to 165 running feet.

16 inch. Less than 165 ft. roll, 10c. per ft.
16 inch. In roll lots, 165 ft., 8c. per ft.
22 inch. Less than 165 ft. roll, 12c. per ft.
22 inch. In roll lots, 165 ft., 10c. per ft.



LAWN GUARDS

For path corners, flower beds, etc. (See cut). Iron nicely painted green, $2.50 each. Not mailable.

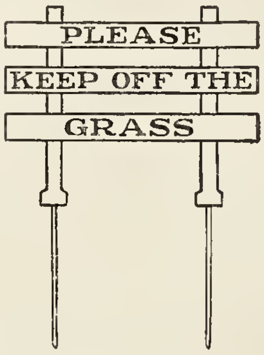
Wire, made extra heavy and well galvanized. Price, 35c. each (by P. P., 45c.); per doz., $4.00 (by P. P., $4.25).

LAWN SIGNS

Excellent for putting on grass plots where thoroughfare is not desired.

Iron, painted gray, trimmed red, $1.00 each (by P. P., $1.15); per doz., $10.00.

Enameled Iron Style. (See cut above). This pattern is best for conspicuous places. Nameplate finished with green and white enamel; 20 inches long and about 4 inches wide. Equipped with iron stake. $2.00 each (by P. P., $2.20); per doz., $23.50.

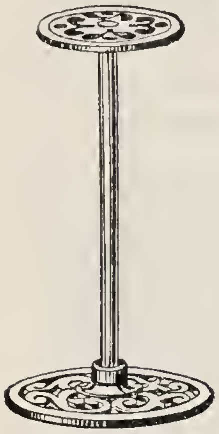


KEEP OFF THE GRASS SIGN

Iron, white enameled, green letters; equipped in back with holders for three flags. Price, $1.00 each.

NO GUNNING SIGNS

Made of white oilcloth, with large black lettering; size 12 by 13 inches. Price, 40c. each; 6 for $2.25; $4.00 per dozen.



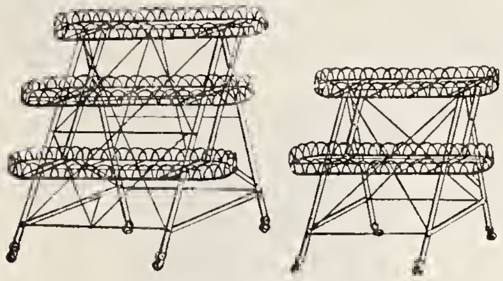
IRON PLANT STANDS

Enameled Green

In.	Size of Plates	Each
12	5 x 7	$1.65
18	5 x 7	2.00
24	8 x 10½	2.75
30	8 x 10½	3.00
36	8 x 10½	3.25
42	8 x 10½	3.30
48	8 x 12	3.50
60	8 x 12	3.60
72	8 x 12	4.25

EXTRA PLATES FOR IRON STANDS

	Each
5 inch	$0.75
7 inch	.85
8 inch	1.00
10½ inch	1.25
12 inch	1.50

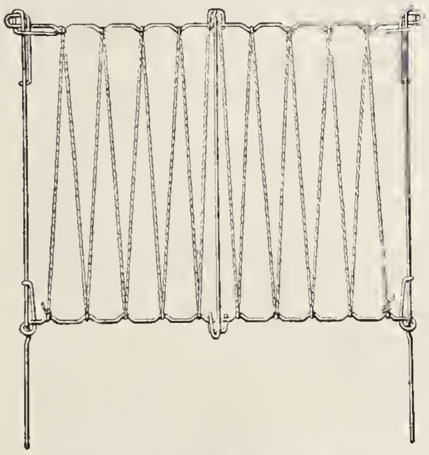


Jones Plant Stands

WIRE PLANT STANDS

Painted dark green and finished in bronze; very substantial and will carry almost any weight that can be placed on them. We recommend the Jones style as it is collapsible and takes up very little space when not in use.

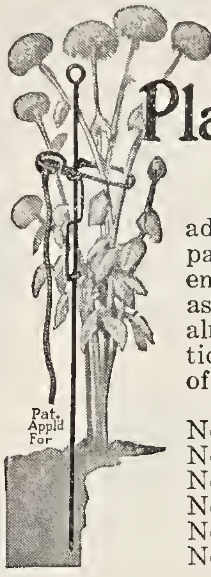
	Height	Width	Depth	Price
Jones, 1 shelf	27 in.	25 in.	14 in.	$2.50
Jones, 2 shelf	28 in.	30 in.	21 in.	5.00
Jones, 3 shelf	36 in.	30 in.	22 in.	6.00



TIMESAVER TRELLIS

For Sweet Peas, Garden Peas and other vines. Dimensions 5 x 5 feet over all; stands about 4 feet above ground when placed; frame made of ¼ inch galvanized steel; green non-fade rope center; easily assembled and taken apart.

Price each	$2.25
Per dozen	25.00



Timesaver Plant Support

A long-lived, low-priced adjustable support, all metal parts being galvanized, java end is green; can be adjusted as to height and size of loop almost instantly and is practically hidden by the foliage of the plant it supports.

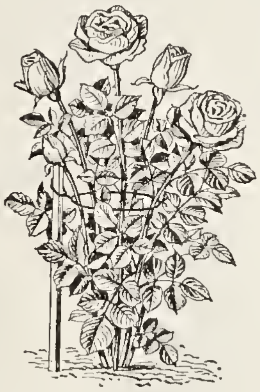
	Doz.
No. 1—30 inch	$0.95
No. 2—3 feet	1.15
No. 3—3½ feet	1.60
No. 3A—4 feet	2.20
No. 4—5 feet	2.75
No. 4—6 feet	3.05

ADJUSTO PLANT SUPPORT

Consists of a stake ⅞-inch square, and of different lengths as may be required and an instantly adjustable patented loop of 7-gauge strong spring-wire for supporter. It contains no nails, hooks, or screws.

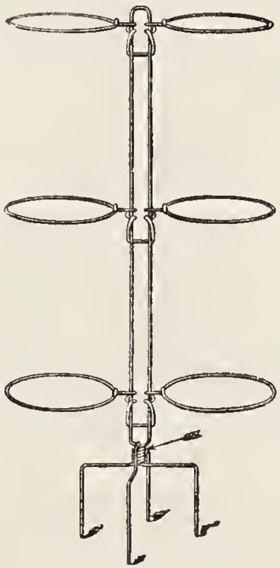
A permanent equipment which can be used year after year.

Height	Each	Doz.
18 inch	$0.10	$1.00
24 inch	.15	1.10
3 feet	.20	2.25
4 feet	.25	2.50
5 feet	.30	2.75
6 feet	.35	3.00



MICHELL'S DOUBLE SNAPDRAGON SUPPORT

The only support of the kind on the market and indispensable to the proper growing of this popular plant; 48 inches high; 3-ring. Per doz., $2.50; $16.50 per 100.

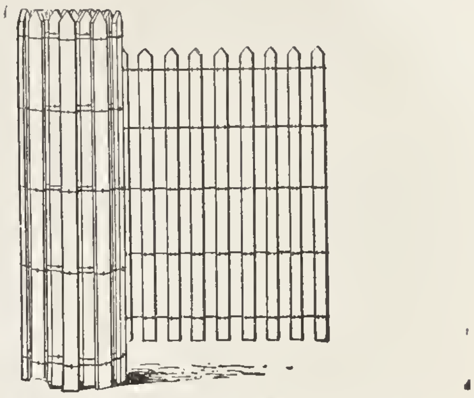


Carnation Support

MICHELL'S DOUBLE 3-RING CARNATION SUPPORTS

Made of Nos. 11 and 14 galvanized wire, which will not rust; 28 inches high; can be put together in less than a minute; will not fall apart; can be raised and lowered to suit plants.

Per doz.	$1.75
Per 100	12.50
Per 1000	110.00



CEDAR PICKET FENCING

Will wear for years without paint. Readily put up and saves time, labor and expense of fence building. Rolls of 50 feet are carried in stock; 75 and 100 feet rolls will be shipped from factory.

3 feet high, 12c. per running foot.
4 feet high, 14c. per running foot.
5 feet high, 18c. per running foot.

WIRE NETTING

Price is constantly changing and is subject to market.

No. 19. Galvanized, two-inch mesh, 150 running feet per bale.

Width	Per bale	Width	Per bale
12 inches	$1.50	42 inches	$4.00
18 inches	2.25	48 inches	4.50
24 inches	3.00	60 inches	5.50
30 inches	3.25	72 inches	6.75
36 inches	3.75		

No. 20, galvanized, one-inch mesh, 150 running feet per bale.

Width	Per bale	Width	Per bale
12 inches	$2.75	42 inches	$7.00
18 inches	4.00	48 inches	8.25
24 inches	4.75	60 inches	10.25
30 inches	5.50	72 inches	12.00
36 inches	6.25		

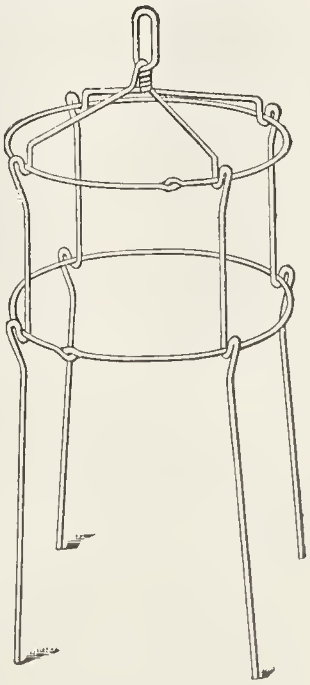
STAPLES

¾ inch, for fastening netting, 15c. per lb. (by Parcel Post, 25c.).

MICHELL'S TOMATO OR PEONY SUPPORT

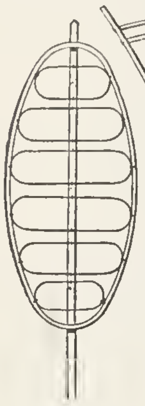
(See illustration below.)

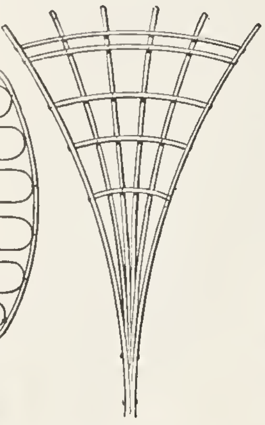
Made of galvanized wire in a substantial manner; stands solid and firm. Price, 35c. each; doz., $3.75; $30.00 per 100.

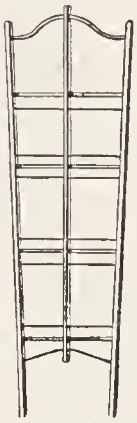


Tomato or Peony Support

Parcel Post charges where named are for shipment to the first and second zones; for other zones, please see parcel post table, page 1.


Oval


Fan


Veranda

VERANDA TRELLIS

Made of wood and painted green.

2 feet	$0.65
3 feet	.75
4 feet	.85
5 feet, heavy	1.25

FAN TRELLIS

Made of wood and painted green.

18-inch	$0.30	36-inch	$0.75
24-inch	.40	42-inch	1.00
30-inch	.50	48-inch	1.25

OVAL TRELLIS

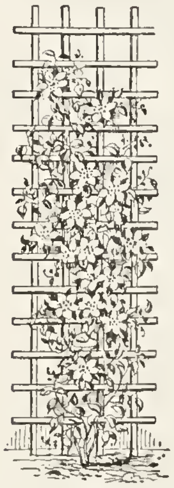
Made of wood and painted green.

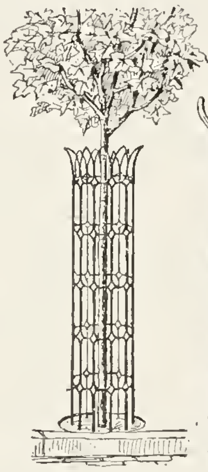
24-inch	$0.60

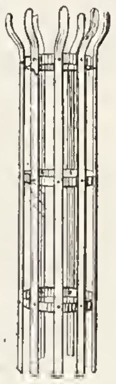
LATTICE TRELLIS

Made of wood and painted green.

	18 in. wide	24 in. wide
6 feet	$2.00	$2.50
7 feet	2.25	3.00
8 feet	2.75	3.50
9 feet	3.00	3.75
10 feet	3.50	4.00
12 feet	4.00	5.00


Lattice Trellis


Wire Guard


Iron Guard

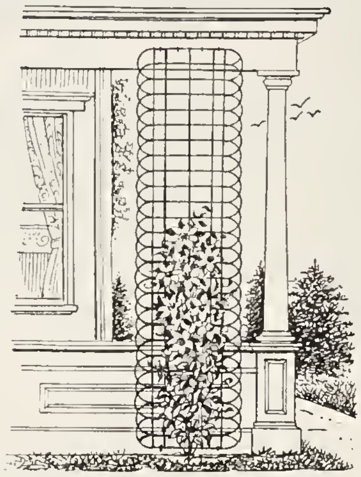
TREE GUARDS

Galvanized Wire. Carefully made of heavy material and finished in a neat and substantial manner.

	Each
9-inch diameter	$1.50
12-inch diameter	1.75

No. 4. **Iron.** Made of flat iron, finished black; will last indefinitely with an occasional painting. $4.50 each.

Phila. Official Tree Guard. Made of heavy round iron. $6.50 each.

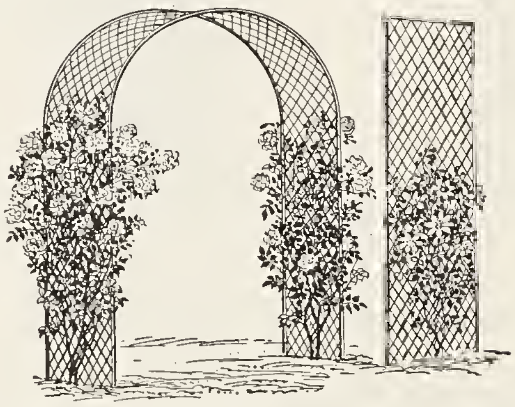


CONTINUOUS WIRE TRELLIS

Excellent for training vines of all kinds up porch verandas, pergolas, etc. Thoroughly galvanized and well made.

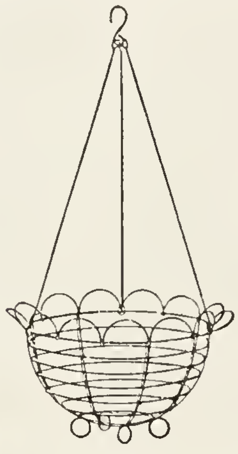
Any length desired up to 165 running feet.

18 in. wide, less than 165 ft. roll, 10c. per ft.
18 in. wide, in roll lots, 165 ft., 9c. per ft.
24 in. wide, less than 165 ft. roll, 12c. per ft.
24 in. wide, in roll lots, 165 ft., 10c. per ft.



GALVANIZED WIRE WORK

This can be furnished on short notice, any height or any width, in either trellises or arches. Made of heavy diamond mesh wire with strong frames. 40c. per sq. ft. on pieces aggregating 15 sq. ft. or over; less than 15 sq. ft., 50c. per sq. ft.


Wire Basket

HANGING BASKETS

Galvanized Wire

For greenhouse, porch and conservatory.

Size	Each	Doz.
8-inch	$0.25	$2.50
10-inch	.40	4.25
12-inch	.60	5.50
14-inch	.70	7.50
16-inch	.85	9.00

If wanted by P. P., add 10c. per basket or 40c. per dozen for postage.

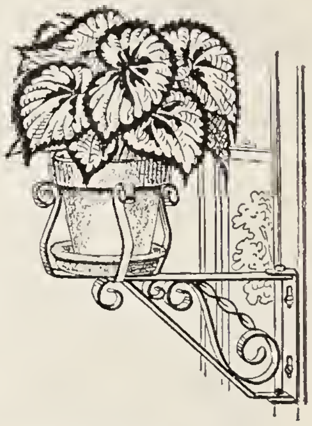
BASKET HOOKS

Thoroughly galvanized so they cannot rust.

Single, 5/16 inch thick	$0.75
Double, 7/16 inch thick	1.10

These cannot be mailed.

JONES' POT BRACKET



No. 1. Holds 5-inch pot. Each, 60c. (by P. P., 70c.).

No. 2. Holds 6-inch pot. Each, 70c. (by P. P., 80c.).

No. 3. Holds 7-inch pot. Each, 85c. (by P. P., 95c.).

JARDIERS

Colors; in 4-inch size, green only; 6-inch size, green, ivory, lavender and yellow.

	Each	Doz.
4-inch for pots	$0.20	$2.00
6-inch for pots	.30	2.75

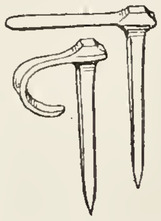
VASES

For holding cut flowers on cemetery lots, etc.

	Each
Iron. Large; green	$0.85
Iron. Medium; green	.65
Galvanized. Large	1.00
Galvanized. Medium	.85

Tin. Enameled; large, green, 15c. each; doz., $1.50.

See page 175 for complete line of flower pots, plant-tubs, etc.



WALL NAILS

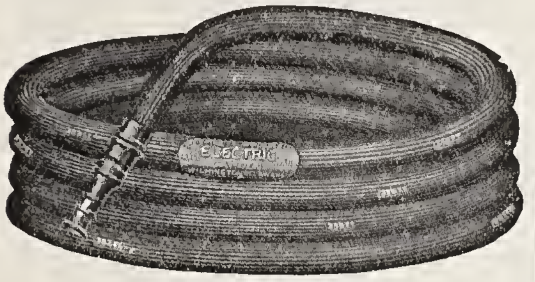
For fastening climbing vines; equipped with a soft metal clasp which holds the vine against the wall.

1-inch, 45c. per doz. (by P. P., 50c.); per 100, $2.75 (by P. P., $2.85).

1½-inch, 60c. per doz. (by P. P., 65c.); per 100, $3.75 (by P. P., $3.95).

2-inch, 75c. per doz. (by P. P., 85c.); per 100, $4.50 (by P. P., $4.75).

Parcel Post charges where named are for shipment to the first and second zones; for other zones, see parcel post table, page 1.



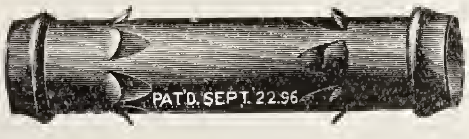
RUBBER HOSE

		Per ft.
Michell's Special.	½-inch	$0.14
Michell's Special.	⅝-inch	.15
Michell's Special.	¾-inch	.16
Electric.	You cannot kink it. ½-inch	.18
Electric.	⅝-inch	.19
Electric.	¾-inch	.20
Super Bull Dog.	¾-inch; green	.22
Torrent.	¾-inch; red	.18
Spray Pump Hose.	⅜-inch	.15

All brands come in reels of 500 feet and sections in any length to that number of feet may be had.

25- and 50-foot sections of hose coupled free. Smaller sections coupled at the rate of 30c. per pair for couplings.

Hose Washers. ¾-inch, 5c. per doz.; ¼ lb., 15c.; 50c. per lb. (by P. P., 60c.). 1-inch, 6c. per doz.; ¼ lb., 30c.; $1.00 per lb. (by P. P., $1.10).



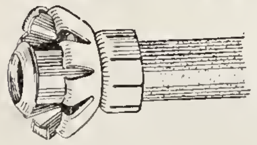
Cooper Hose Mender

HOSE MENDERS

If wanted by parcel post, add 10c. per doz. for postage.

		Each	Doz.
Cooper's.	¾-inch	$0.10	$1.00
Cooper's.	⅝-inch	.10	1.00
Cooper's.	½-inch	.10	1.00
Jones Iron.	¾-inch	.10	1.00

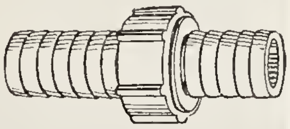
PERFECT HOSE MENDERS



Made entirely of brass, with swivel motion — no band required.

For ½-inch and ¾-inch hose, 10c. each; doz., $1.00 (by P. P., $1.15).

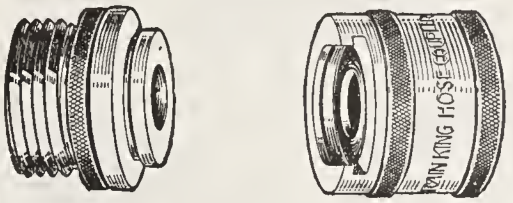
HOSE COUPLINGS



If wanted by parcel post, add 5c. each; 20c. per doz. for postage.

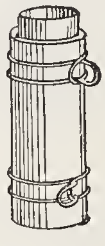
		Pair	Doz.
Plain Brass.	(See cut) ½-inch.	$0.20	$2.00
Plain Brass.	⅝-inch	.20	2.00
Plain Brass.	¾-inch	.20	2.00

Perfect. Equipped with a clamp on the male and female part for securing to the hose; no band required; for ½ and ¾ inch hose; mention which is wanted when ordering. 30c. per pair; doz., $3.00.

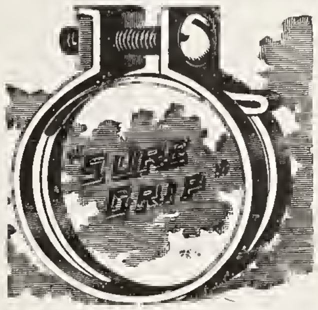


RAIN KING COUPLING

Snaps together instantly; fits nozzles, sprinklers and hose connections. 60c. each (by P. P., 65c.).



Caldwell Band as applied to Hose



HOSE BANDS

For fastening couplings and menders.

CALDWELL'S

If wanted by parcel post, add 10c. per gross for postage.

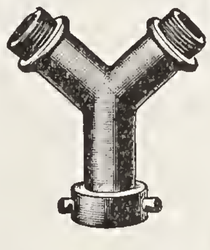
No.		Doz.	Gross
8.	For 4-ply hose	$0.40	$3.50
6.	For 3-ply hose	.40	3.50

Pliers for above, 35c. per pair (by P. P., 45c.).

SURE GRIP

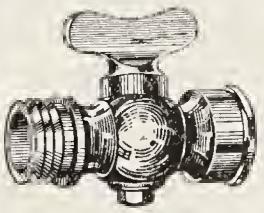
Can be furnished in ½ inch, ⅝ inch and ¾ inch, either size, 5c. each; doz., 40c. (by P. P., 45c.).

No. 68. SIAMESE HOSE CONNECTION



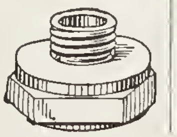
This permits one lead of hose to be diverted in two directions. Additional three-way connections can be used according to the water pressure. It is specially adapted for lawn sprinkling. Price, $1.00 each (by P. P., $1.10).

SHUT OFF CONNECTION



Cast brass, polished; ¾ inch male thread on one end; ¾ inch female thread on other end. $1.00 each.

HOSE REDUCERS



For reducing 1 inch pipe to fit regular ¾ inch hose. Each, 30c. (by P. P., 40c.).

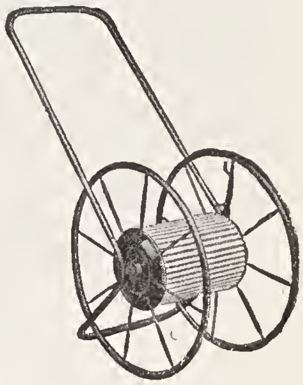
NOSCREW HOSE CLAMP

Installed instantly without annoyance by hand, no screw-driver or tools of any description required. Made of cold rolled steel, galvanized and nickeled; made in ½ inch, ⅝ inch and ¾ inch sizes. 11c. each; doz., $1.20.

HOSE REELS

WIRT'S REEL

(All Iron)



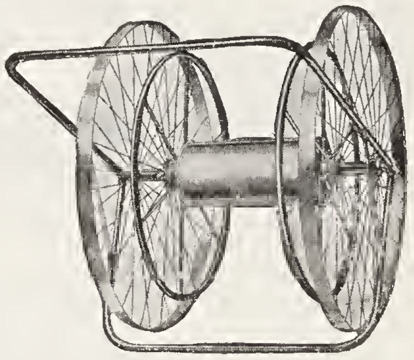
Wirt's Reel

Indestructible; light in weight.

No. 10. Holds 100 ft. of ¾ in. hose, $4.00.

No. 20. Holds 150 ft. of ¾ in. hose, $5.00.

No. 30. Holds 400 ft. of ¾ in. hose, $8.00.



No. 31C. Reel

No. 31C. Holds 500 ft. of ¾ inch hose, $14.00.

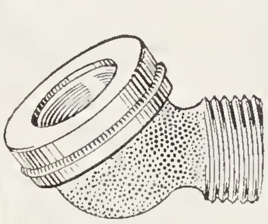
VICTOR REEL

Constructed with channel steel frame; cast iron wheels; solid steel reel arms; heavy corrugated steel drum. Holds 100 feet of ¾ inch hose, $1.50 each.

NOZZLE HOLDER

For sticking in the ground while one continues with other work. Made of galvanized heavy wire. Price, 20c. each (by P. P., 30c.).

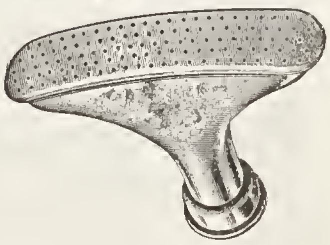
HYDRANT ATTACHMENTS



For attaching hose to smooth faucets. No. 2. For small spigot, 50c. (by P. P., 60c.).

No. 3. For large or standard spigot, 50c. (by P. P., 60c.).

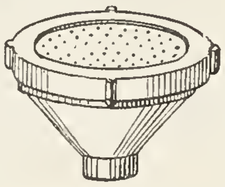
FLARING ROSE SPRINKLER



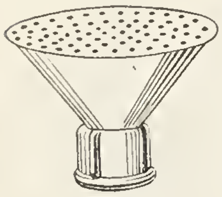
Ejects a fan-like spray; especially adapted for sprinkling flowers. Price, 50c. (by P. P., 60c.).

Parcel Post charges where named are for shipment to the first and second zones; for other zones, see parcel post table, page 1.

BINKS NOZZLE

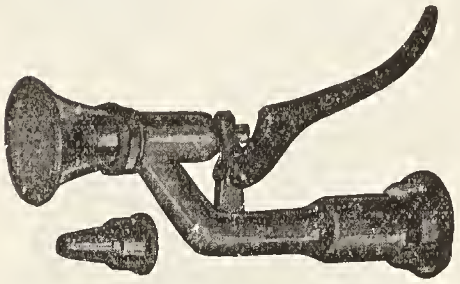


Made of aluminum, with brass face; equipped with interchangeable sprays, coarse and fine. It makes watering possible without wetting the hands. Positively the best and most indestructible nozzle made. $3.25 each; worth twice the price (by P. P., $3.35).



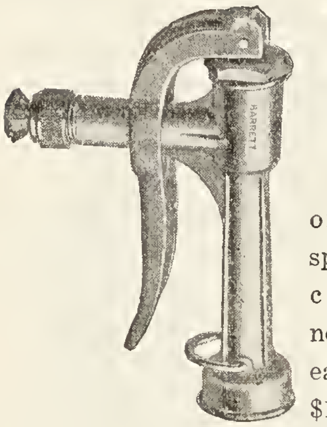
BOSTON SPRAY NOZZLE

(For ¾ inch Hose)
Light Copper. $1.50 (by P. P., $1.60).
Heavy Brass. $1.25 (by P. P., $1.35).



AQUAMATIC HOSE NOZZLE

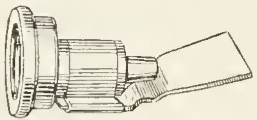
A high-grade water control, opening and closing automatically, by slightly pressing lever with the fingers; a positive, quick shut-off; made of heavy cast brass. Price, $2.00 (by P. P., $2.10).



BARRETT HOSE-MASTER NOZZLE

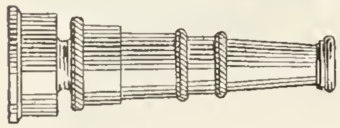
Automatic shut-off, adjustable spray and pressure control at the nozzle. Price, $1.50 each (by P. P., $1.60).

CHAMPION NOZZLE



A dandy nozzle for greenhouse use; makes a spray or a solid stream; easily adjusted. 50c. each (by P. P., 60c.).

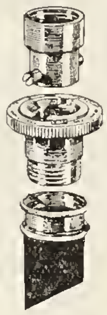
GEM PATTERN HOSE NOZZLE



¾-inch hose. Can be regulated to give three different streams. Price, 50c. (by P. P., 60c.).

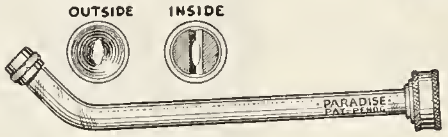
TRADUR HOSE CONNECTORS

These are widely known as setting a new standard for handling hose; they are extensively used throughout the country by florists and others.



Eliminates bother and waste of time in hose connecting; non-leaking even with high pump pressures; no springs, hooks, levers or special washers; gives long and satisfactory service.

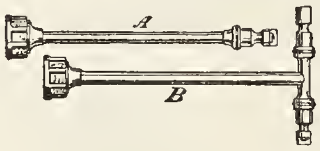
¾ in. Faucet part 35c.
¾ in. Hose part 75c.
Complete set $1.10.



PARADISE NOZZLE

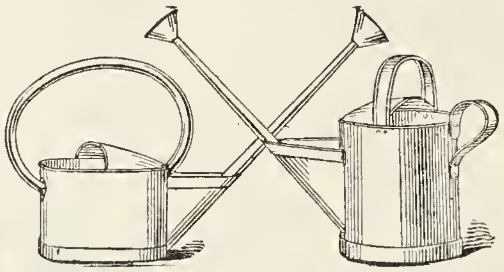
Designed to syringe any and all greenhouse flowers; the fine spray has a washing effect. Price, $3.00.

STOTT'S SPRAY NOZZLES



Splendid for spraying underneath foliage.

			By P.P.
No. A.	**Single**	$1.65	$1.75
No. B.	**Double**	2.75	2.85



WATER CANS (Wotherspoon's)

Galvanized; extra heavy with long spout and two roses—one coarse and one fine. These cans are not mailable.

	Round	Oval
4 quart	$4.50	
6 quart	4.75	$5.50
8 quart	5.00	5.75
10 quart	5.50	6.00
12 quart	6.00	6.25
16 quart	7.00	7.75
4 quart Fern or Low Watering Can	3.75	

EXTRA ROSES OR SPRAYS

For Wotherspoon Watering Can, either coarse or fine, 60c. each (by P. P., 70c.).

APRONS

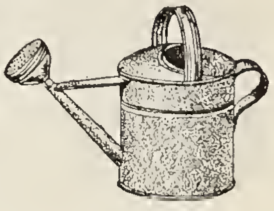
For protecting the clothing while watering, etc.

Rubber	$2.25
Blue Denim	1.50

IRON CLAD WATER CANS

Made of light galvanized iron.

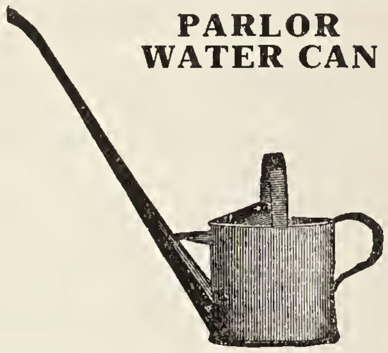
4 quart	$0.75
6 quart	.80
8 quart	.90
10 quart	1.00
12 quart	1.10
16 quart	1.50



Iron Clad

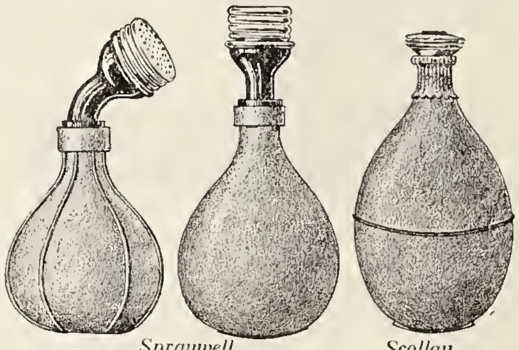
If Iron Clad Water Cans are wanted by Parcel Post, add 20c. each for postage.

PARLOR WATER CAN



For the enclosed porch and window boxes; oval shape; enameled; assorted colors, long spout.

2 quart size; tin enameled	$1.25
2 quart size, copper	2.00



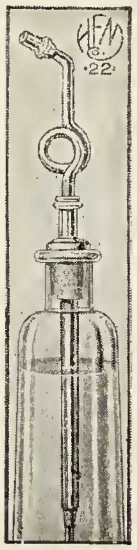
Spraywell *Scollay*

RUBBER SPRINKLERS

Spraywell style in either straight or crook neck.

No.			Each
1.	**Spraywell Style.**	6 oz. capacity	$0.75
2.	**Spraywell Style.**	8 oz. capacity	.90
3.	**Spraywell Style.**	10 oz. capacity	1.10
1.	**Scollay.**	12 oz. capacity	1.50

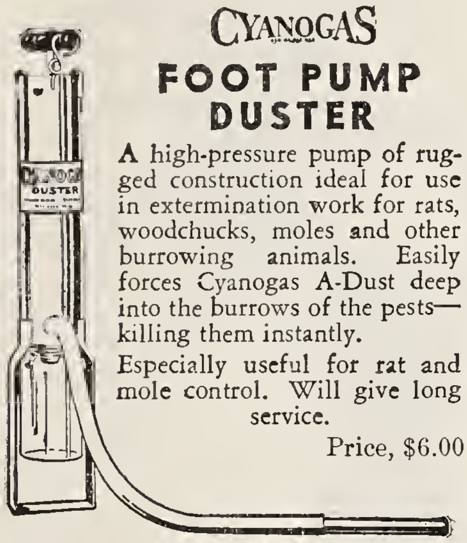
If wanted by parcel post, add 10c. each for postage.



THE MISTO BOTTLE SPRAYER

An ideal sprayer for applying various insecticides to house plants. Makes a fine mist, avoiding all drip; so simple in design it will last forever; nothing to get out of order; made of metal, nicely nickeled; can be used in connection with most any ordinary bottle. Guaranteed in every respect or money back. Price with bottle, $1.50 (by parcel post, $1.60).

Parcel Post charges where named are for shipment to the first and second zones; for other zones, see parcel post table, page 1.



CYANOGAS FOOT PUMP DUSTER

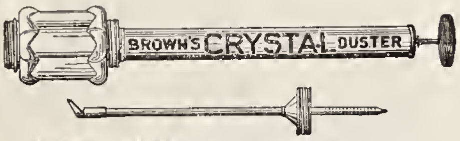
A high-pressure pump of rugged construction ideal for use in extermination work for rats, woodchucks, moles and other burrowing animals. Easily forces Cyanogas A-Dust deep into the burrows of the pests—killing them instantly.

Especially useful for rat and mole control. Will give long service.

Price, $6.00

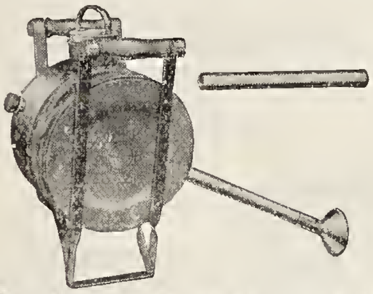
BELLOWS

	Price	By P.P.
Large double cone	$6.50	$6.75
Large single cone	4.50	4.70
Small single cone	3.00	3.20
Sulphur bellows	4.00	4.20



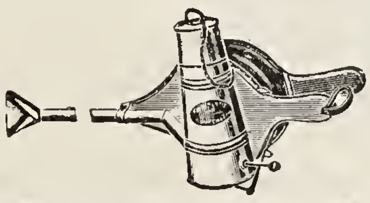
BROWN'S CRYSTAL DUSTER

One of the newest type Dusters, for use in dusting truck crops, in the garden, flower beds, roach powder, etc.; has the glass jar feature, which enables the operator to see the amount of dust in the container. Equipped with a long extension and adjustable nozzle which enables the operator to dust from underneath without bending; capacity, 1 quart. Price, complete, $1.50.



"GREEN" HAND DUSTER

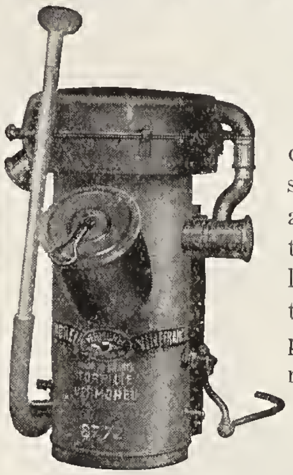
Light, compact, sturdy, efficient; capacity 2 to 4 pounds; large powerful bellows; 30 inch extension with spreader; excellent for dusting either hill crops or underside of foliage. Price, $7.00.



FAMOS HAND DUSTER

An ideal machine for those who need a small but efficient duster; light and compact; equipped with 24 inch extension pipe; can be adjusted to throw dust on the underside of foliage or at any angle desired. Price, $6.00.

VERMOREL DUSTER


Double Action Duster

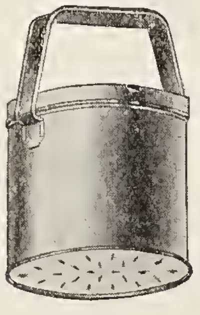
A knapsack machine for dusting sulphur or sulphur and arsenate mixtures, arsenate of lead, Bordeaux mixtures, lime, etc. Capacity 6 quarts dry measure.

Single Action. This being of the bellows type has no wheels, cogs, belts or other complicated mechanism that would be likely to wear. Equipped with fine and coarse screens, also strap for carrying. Price, $15.00 (by P. P., $15.35).

Double Action. This is a bellows type and gives a semi-continuous flow; especially adapted for work where growth is thick and for tree dusting where longer range is necessary. Price, $19.00 (by P. P., $19.35).

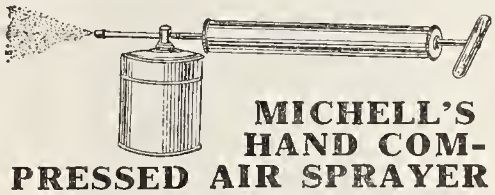
UTILITY DUSTER

Used for the application (in dry form) of Arsenate of Lead, Paris Green, etc. Made of heavy tin, enameled red; iron and brass machined gears. Provided with tubes, connections and nozzles; also an adjustable carrying strap. Price, $9.00 (by P.P.,$9.35).



MICHELL'S DUSTER

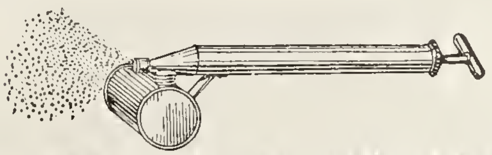
For applying dry insecticides, such as Bug Death, Slug Shot, Paris Green, etc.; practical and durable; easy to operate and gives quick covering to all plants and vines requiring a top application. Price, 75c. (by P. P., 85c.).



MICHELL'S HAND COMPRESSED AIR SPRAYER

This is the best hand sprayer ever offered; very easily operated, especially preferred by the ladies.

Tin. Each, 90c. (by P. P., $1.00).
Brass. Each, $1.75 (by P. P., $1.90).

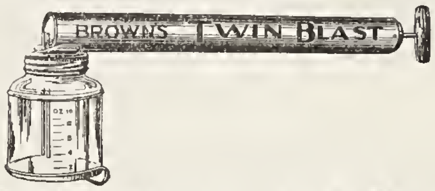


CYCLONE HAND SPRAYER

Similar to the above, except they do not have the automatic air reservoir attachment. No. 112, Tin, large, 50c. (by P. P., 60c.).

COMPRESSED AIR SPRAYER

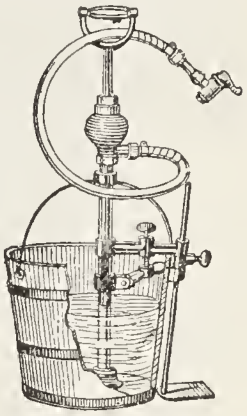
No. 26D. Sprays on both the up and down stroke of the plunger; will handle all insecticides, disinfectants, etc.; brass pump cylinder; copper bronze container; combined straight and angle nozzle; capacity, 1 quart. Price, $1.75.



TWIN BLAST SPRAYER

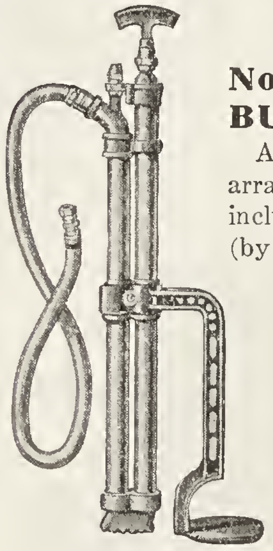
Equipped with twin spray jets which diffuse a large volume of fine spray; glass tank enables the operator to know exactly how much liquid is in the container. Capacity, one quart. Price, 75c. (by P. P., 85c.)

BUCKET SPRAY PUMP



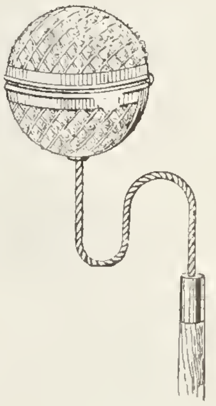
Made entirely of brass, except the foot rest and hand grip. The prices below do not include bucket, but include nozzle and 3½ feet of ⅜-inch hose.

No. 689. **Perfect Success** (with bucket fastener), $7.50 (by P. P., $7.75).


Myer's Pump

No. 327½ MYER'S BUCKET PUMP

A double brass chamber arrangement. Price, $3.75, including hose and nozzle (by P. P., $3.95).


Asbestos Torch

ASBESTOS TORCH

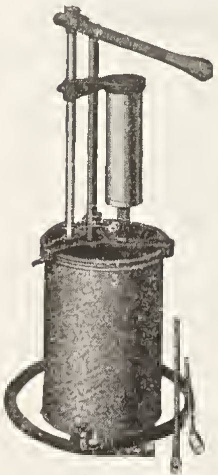
For burning out worms, caterpillars and other tree pests. 50c. each (by P. P., 60c.).

Poles. Hardwood, 12 feet, $2.00; Bamboo, 12 feet, 50c.

MICHELL'S SPRAYING APPARATUS

Parcel Post charges where named are for shipment to the first and second zones; for other zones, please see parcel post table, page 1.

THE PARAGON SPRAYER

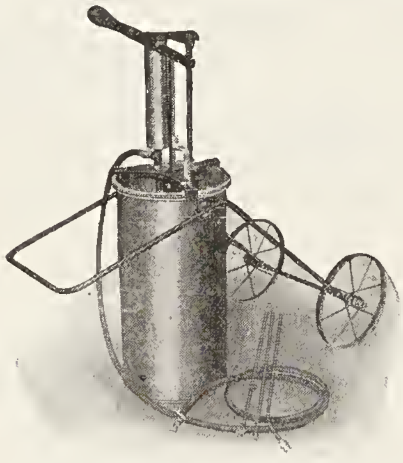


No. 1

These sprayers are of superior quality in material and workmanship; they will not clog, therefore it is not necessary to strain the material used. It not only handles insecticides, fungicides and disinfectants, but also whitewash, cold water paints, etc.

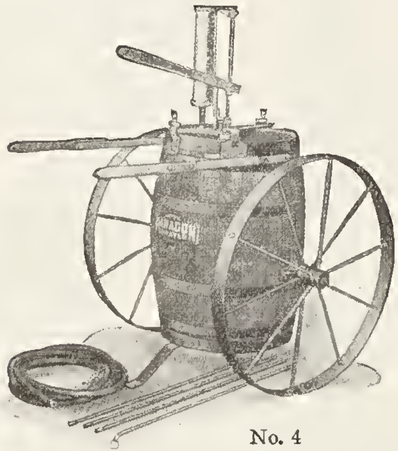
No. 0. Capacity, 3½ gallons; equipped with 4 feet special spray hose, 3 feet spray pipe and 3 nozzles. Price, $11.00.

No. 1. Capacity, 6 gallons; equipped with 5 feet special spray hose, 5 feet spray pipe and 3 nozzles. Price, $15.00.



No. 3

No. 3. Capacity, 12 gallons; equipped with truck, 10 feet special spray hose, 7½ feet spray pipe and 3 nozzles. Price, $19.50. Without truck, $16.00.
We can also supply this sprayer with single wheel at same price.



No. 4

No. 4. Capacity, 28 gallons; equipped with truck, 20 feet special spray hose, 10 feet spray pipe and 3 nozzles. Price, $33.50.

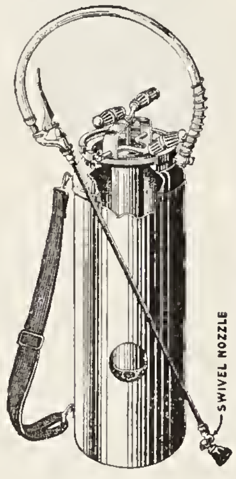
No. 5. Capacity, 50 gallons; equipped with 25 feet special spray hose, 10 feet extension pipe, one 3-way spray nozzle, 1 single-spray nozzle; no truck. Price, $40.00.

Bucket Washers for Paragon Sprayers, 25c.

Fittings for Paragon Sprayers

No.		Price
E85.	2-way Spray	$2.50
B35.	Extension Pipes	.60
E86.	Y Fitting	1.00
B 7.	Hose Coupling, complete	1.10
B18.	Strainer	1.25
B10.	Female Hose Coupling	.70
B20.	Stop-Cock	1.00
B24A.	Mist Spray Nozzle with S. and B.	.90
B22.	Brass Hose Bands . . . . Each	.10

AUTO SPRAY



Auto Spray

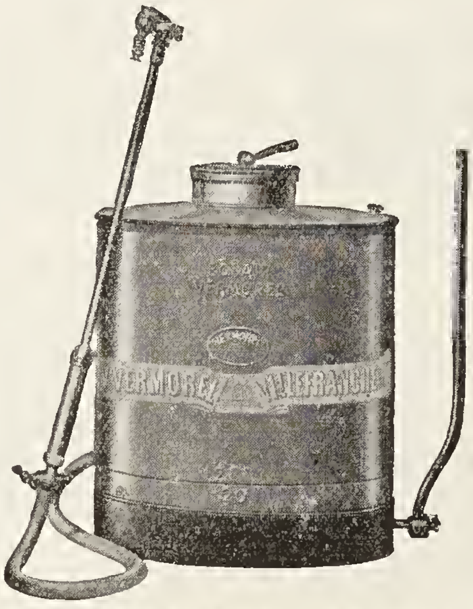
A compressed air sprayer with open head and strongly reinforced corrugated tank.

No. 4-B.—**Brass Tank;** capacity, 4 gallons; equipped with hose and Auto-Pop Attachment, $9.00 (by P. P., $9.25).

No. 4-D.—**Steel Tank;** capacity, 4 gallons; equipped with hose and Auto-Pop, $6.00 (by P. P., $6.25).

No. 3-D.—Steel tank; capacity, 3 gallons; equipped with hose and Auto-Pop, $4.50 (by P. P., $4.75).

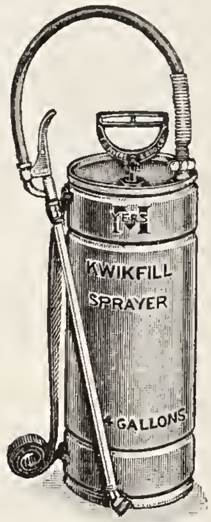
Auto-Pop Nozzle Attachment; controls the flow instantly by a pressure of the hand. When Auto-Pop Attachment is purchased separately. Plain, $1.50 each (by P. P., $1.60); complete with hose, $2.00 (by P. P., $2.15).



VERMOREL KNAPSACK SPRAYER

A new copper knapsack sprayer which works on a compressed air principle. Compact in construction and light in weight, so that it can be easily carried around. We will sell this sprayer under the condition that if it is not satisfactory it may be returned at our expense. Price, $19.00 (by P. P., $19.30).

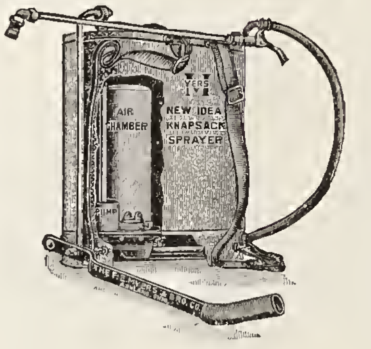
MYERS KWIKFILL COMPRESSED AIR SPRAYER



No. 2242. Galvanized tank; capacity, 4 gallons; 18-inch brass extension rod; weight, 13 lbs. Price, $5.50 (by P. P., $5.75).

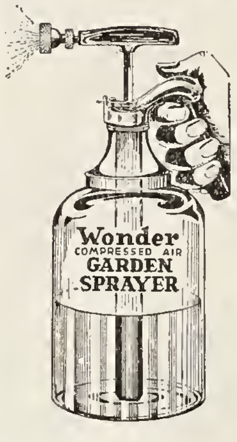
No. 2242B. Brass tank; capacity, 4 gallons; 18-inch brass extension rod; weight, 13 lbs. Price, $9.50 (by P. P., $9.75).

MYERS NEW IDEA KNAPSACK SPRAY PUMP



No. 1330. Galvanized tank; capacity, 4 gallons; 18-inch brass extension rod; weight, 15 lbs. Price, $12.50 (by P.P., $12.75).

NEW WONDER COMPRESSED AIR SPRAYER



Handy; easy to operate; efficient. Spray material mixed in glass container. Just the sprayer for the home gardener or professional. A handy household sprayer. Price, $2.50 (by P.P., $2.75).

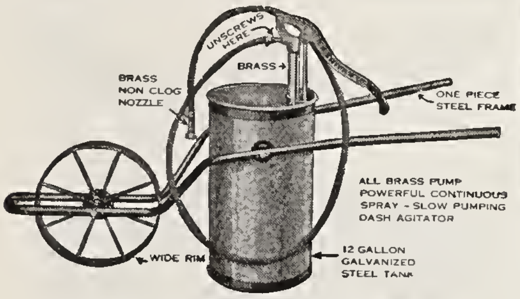
EXTENSION PIPES, ETC.

For reaching into trees; ⅜-inch threads.

Bamboo, brass lined, 8 feet	$4.50
Bamboo, brass lined, 12 feet	5.00
Brass, 2 feet (by P. P., 70c.)	.60
Pet Cock, for extension pipes	1.25

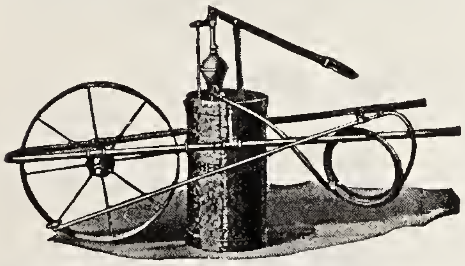
Paragon Extensions, 2½ feet, 60c. each (by P. P., 70c.).

Parcel Post charges where named are for shipment to the first and second zones; for other zones, please see parcel post table, page 1.


UNSCREWS HERE
BRASS
BRASS NON CLOG NOZZLE
ONE PIECE STEEL FRAME
ALL BRASS PUMP POWERFUL CONTINUOUS SPRAY - SLOW PUMPING DASH AGITATOR
WIDE RIM
12 GALLON GALVANIZED STEEL TANK

No. 50 WHEELBARROW SPRAYER

Adapted for spraying vegetable crops, flowers, vineyards, orchards, etc.; also for spraying disinfectants or whitewash in poultry houses or other buildings. Steel frame made in one piece; heavy galvanized tank; all brass pump; 8 feet of hose; all working parts brass; double action; continuous spray. Pump may be easily detached from the tank and the tank with wheel and frame used for wheeling water. Price, $15.00.



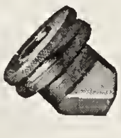
DEMING WHEELABOUT SPRAYER

A machine that is nicely balanced and easily transported. Extreme width 18 inches, narrow enough to go through the aisles of a greenhouse; 24-inch wheel with a 3-inch tread making it easily handled over soft and rough ground. Pump has 1½-inch diameter cylinder, with adjustable stroke. Equipped with 12-gallon galvanized tank, 10 feet of hose, 4 foot extension pole, nozzle and shut-off valve. Price, $31.50.

1074½

1692

1688


1691

SPRAY NOZZLES (⅜-in. Thread)

If nozzles are wanted by P. P., add 10c. each for postage.

Mistry, Jr., Fig. 1688, Straight style	$1.00
Mistry, Jr., Fig. 1691, Elbow style	1.00
Fig. 1074½, Y connection for making a double spray head nozzle	.40
Bordeaux Nozzle, Fig. 1692, each	1.25

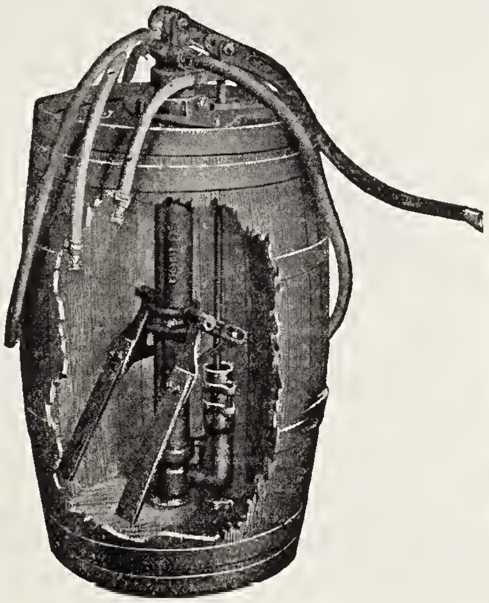
If nozzles are wanted for ¾-inch hose connections, add 70c. to above prices.

GOULD'S FRUITALL BARREL PUMP. Fig. 1188

A high-grade pump at an attractive price, within the reach of every one who has need for such a pump. Extremely simple in design and a serviceable and reliable sprayer. 2-inch diameter cylinder; bronze wearing parts. Plain pump, no hose, nozzle or barrel, $12.00.

Outfit C.—With agitator, one 25-foot lead of ½-inch spray hose and one Mistry Jr. nozzle (no barrel), $16.50.

Outfit D.—With agitator, two 25-foot leads of ½-inch spray hose and two Mistry Jr. nozzles (no barrel), $21.00.


Gould's Pomona Spray Pump

GOULD'S POMONA BARREL PUMP. Fig. 1744

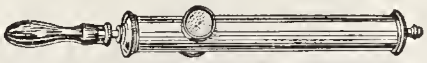
Of large capacity and powerful with long adjustable leverage. Can be used for feeding one or two leads of hose; all working parts are bronze, with lasting qualities. Plain pump, 2½-inch diameter cylinder only (no barrel), $22.00.

Outfit C.—With one 25-foot section ½-inch spray hose and one Mistry Jr. nozzle (no barrel), $26.50.

Outfit D.—with two 25-foot sections ½-inch spray hose and two Mistry Jr. nozzles (no barrel), $31.00.

Barrels for holding spray solution, 50 gallon capacity, $7.00 each.

Truck with 3½-inch tire wheels, $20.00.



HEAVY BRASS SYRINGES

No.	Diam.	Length		Price	By P.P.
99.	1½ in.	18 in.	1 spray	$3.50	$3.70
101.	1¼ in.	14 in.	2 sprays	4.00	4.20
101A.	1½ in.	16 in.	2 sprays	5.00	5.20
110.	1¾ in.	20 in.	2 sprays	8.00	
120.	1¾ in.	20 in.	Adjustable	10.00	

LIQUID MANURE DISTRIBUTOR

This can be attached to hose with which you are watering and connected with a barrel of liquid manure, the suction of water will draw a quantity of manure with it. $2.75 each (by P. P., $2.85).

FERTILMIST

Now you can sprinkle garden and lawn in one simple operation with Fertilmist; a new way devised for the proper application of fertilizer. To operate, insert can of fertilizer in sprinkler (complete Plant Food or Lawn Food) and turn on water. One can treats 2500 square feet of lawn. Also an ideal water sprinkler.

Sprinkler complete with one can plant food	$3.95
2 cans Plant or Lawn food	.60
6 cans Plant or Lawn food	1.60
12 cans Plant or Lawn food	3.00

SKINNER SYSTEM OF GARDEN IRRIGATION

Line covers 50 feet wide; complete ready to use.

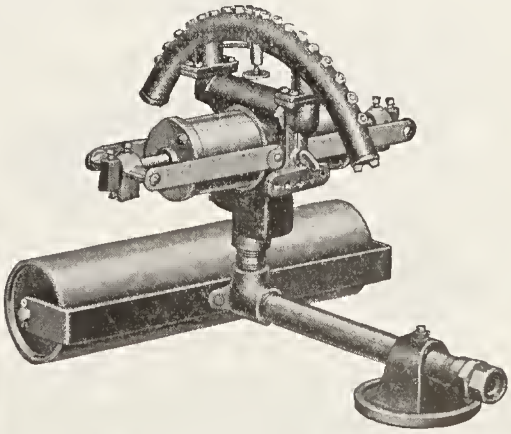
	Stationary	Portable
50 ft.	$15.75	$17.75
100 ft.	25.75	33.75
150 ft.	36.75	50.75
200 ft.	48.75	68.75

Prices on longer lines on request.

Posts for above lines, 10c. per foot. Specify if lines are to be pipe or hose fed.

Automatic Oscillator for above lines, $26.50 extra.

Hand Turn Union is included in above prices.

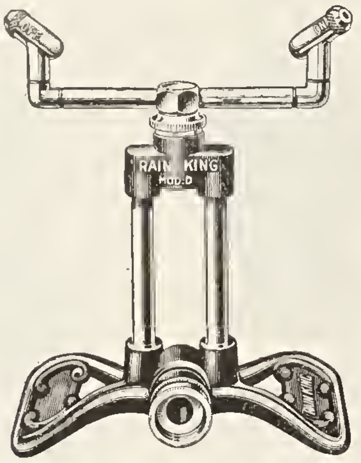


RAIN-WAVE SPRINKLER

Covers a space 50 to 60 feet square. Adjustable to one-half or one-quarter full coverage. Weight, 17 lbs. Price, $35.00.

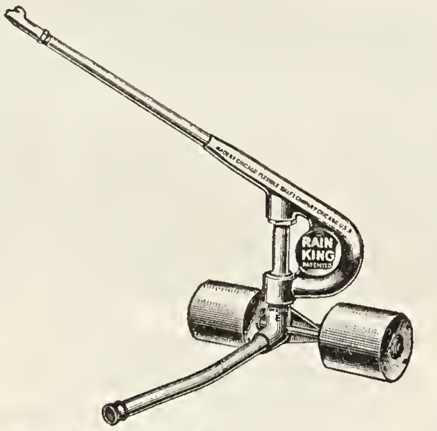
MICHELL'S SPRINKLERS FOR LAWN AND GOLF GROUNDS

Parcel Post charges where named are for shipment to the first and second zones; for other zones, please see parcel post table, on page 1.



MODEL D RAIN KING

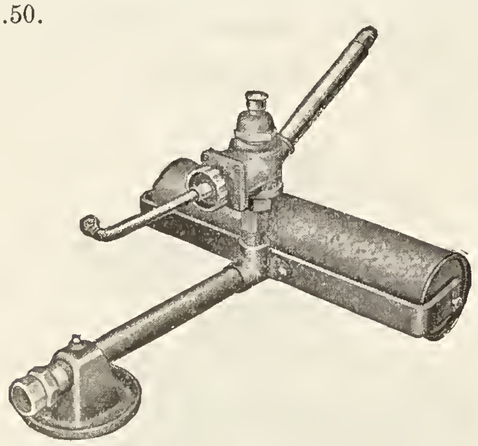
Throws a misty shower, any spray—fine, medium or coarse; sprinkles on any pressure, revolving or stationary; finish red and brass; height, 9 inches. Price, $2.00.



MODEL E RAIN KING

A sprinkler that at any given pressure will throw a larger quantity of water and throw it farther than most sprinklers. Quickly set for fast or slow turning; sturdily built. Price, $16.00.

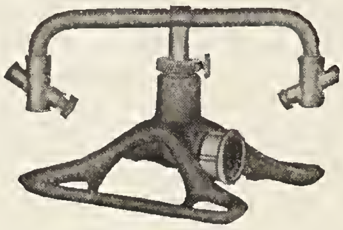
Model G. Similar to the above, excepting it has disc-type base instead of a roller base and smaller in size than the Model E. Price, $3.50.



BROADWAY ROTARY

This sprinkler is designed to be a high type sprinkler for parks, golf course fairways, cemeteries and spacious lawns; the principle of operation is a long throw—effective stream supplemented by a secondary spray, watering the central area; made of solid brass. Price, $16.50.

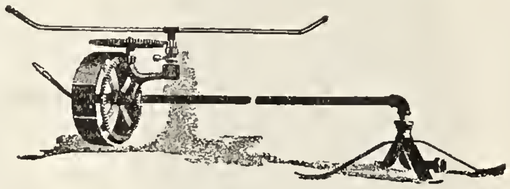
Junior Model. Price, $14.50.



Whirling Showers

WHIRLING SHOWERS

A complete adjustable lawn sprinkler; gives every type of spray from fine mist to heavy shower. Sprinkles strip or circle and will cover a diameter of 70 feet. Made entirely of brass excepting base, which is malleable iron. Price, $1.60 (by P. P., $1.80).



Single Gear Economy Traveller

ECONOMY TRAVELLER

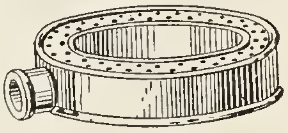
Especially designed for covering large areas, while at the same time distributing the same number of gallons per minute as many other machines, thus giving the water time to sink in the ground. Single gear; capacity, 10 to 20 gallons per minute; coverage, 120 to 180 feet diameter. Price, $35.00.

ECONOMY PRESIDENT

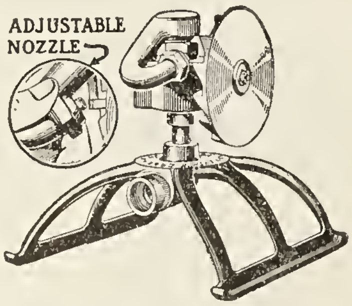
The simplicity, durability and efficiency of this sprinkler have won for it the enthusiastic commendation of greens keepers everywhere. Especially adaptable to the hoseless system of fairway and greens watering. Capacity, 12 to 20 gallons per minute; coverage, 80 to 120 feet diameter. Price, $16.50.

LARGE RING

Height, 2 inches. Price, 75c. (by P. P., 85c.).



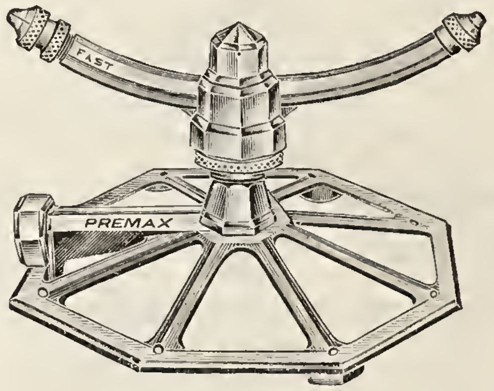
Large Ring



Double Rotary

DOUBLE ROTARY

A favorite with country clubs, for watering putting greens; covers a radius of 15 to 40 feet. Price, $12.50 (by P. P., $12.75).

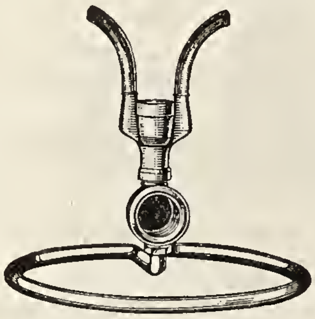


Premax Floating Head

PREMAX FLOATING HEAD

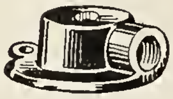
A constant cushion of water eliminates all metal-to-metal bearings and gives a sprinkler that will operate on low pressure as well as regular water systems. Covers an area of 6 to 60 feet. Price, $2.50.

DOUBLE WHIRLING SHOWER

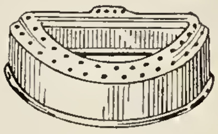


Double Whirling Shower

Sprinkles exactly like rain; sprinkles a circle up to 35 feet in diameter and revolves on any pressure. Will not clog or leak. Price, 90c.



C. B. G.



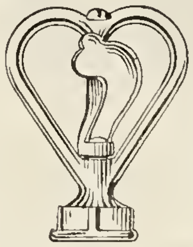
Crescent

C. B. G.

Especially for putting greens; 4 inches high. Price, 30c. (by P. P., 40c.).

CRESCENT

Height, 2 inches. Price, 75c. (by P. P., 85c.).



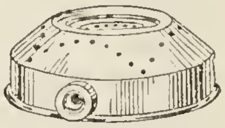
Blake

BLAKE

A sprinkler head used where there is a pipe system on the lawn or golf course. Price, 45c. each (by P. P., 50c.); doz., $5.00 (by P. P., $5.15).

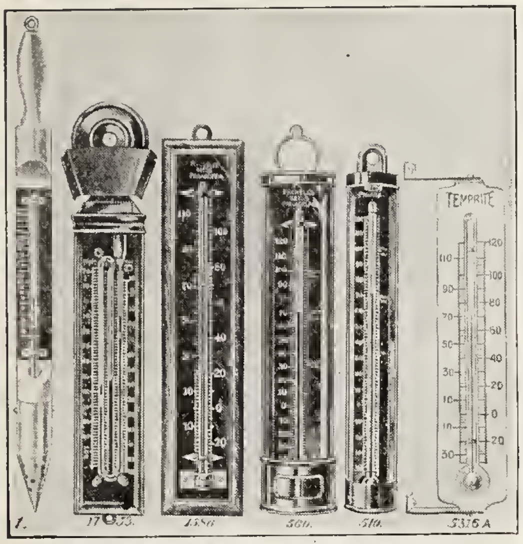
BABY RING

Height, 2 inches. Price, 50c. (by P. P., 60c.).



Baby Ring

Parcel Post charges where named are for shipment to the first and second zones; for other zones, please see parcel post table, page 1.



THERMOMETERS

No. 1757. **Maximum and Minimum.** Registers the coldest and warmest point during the previous night. 10 inches, black tin case. Price, $4.75 (by P. P., $4.85).

TESTED THERMOMETERS

If wanted by Parcel Post, add 10c. each for postage.

	Each
No. 506— 8-inch, Tin Case	$0.85
No. 510—10-inch, Tin Case	1.00
No. 556— 8-inch, Greenhouse	1.25
No. 560—10-inch, Greenhouse	1.50
No. 652— 8-inch, Genuine Copper Case	2.00
No. 656—10-inch, Genuine Copper Case	2.25
No. 1582— 8-inch, Wood Back, Black Scale	2.00
No. 1586—10-inch, Wood Back, Black Scale	2.25
No. 5127— 8-inch, Temprite Greenhouse; white enamel, red column	1.00
No. 5316A—8-inch, Temprite Window or wall, white enamel, red column	1.00

GLASS DAIRY THERMOMETER

No. 5724. For testing milk, etc., also used for soil purposes. 50c. each (by P. P., 60c.).

MUSHROOM OR HOTBED THERMOMETER

No. 20450. Iron Point, oxidized finish, each, $3.00 (by P. P., $3.15).

RECORDING THERMOMETER

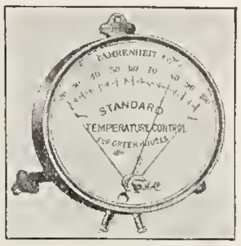
No. 200. This type of thermometer which can be equipped with either a daily or weekly chart enables one to keep an accurate record of the temperature in his greenhouse during every hour of the day and night; the thermometer is equipped with a high grade clock and ink stylus which marks very accurately. It is an ideal installation; in ordering state if weekly or daily record chart is desired. Price, $42.00 by express.

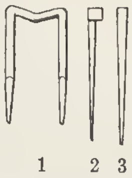
MICHELL'S WAGON HEATER

For heating wagons, automobiles, or delivery trucks. Efficient, durable, economical, safe; 14 inches diameter, 19 inches high. Price, $6.00.

COAL FOR WAGON HEATERS

$1.25 per 20 briquets; per 100, $8.50.





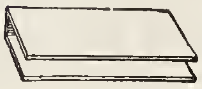
Glazing Points
No. 1. Peerless.
No. 2. Siebert's.
No. 3. Zinc Nails.

ELECTRIC THERMOSTAT

This device can be set to ring an alarm when the temperature goes above or drops below a desired point. All brass.

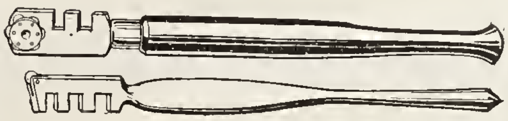
No. GH3, not waterproof style, $11.50 (by P. P., $11.75).

No. GH4, waterproof style, $17.50 (by P. P., $17.75).



PEERLESS GLASS REPAIR CLAMP

For supporting broken lights of glass. Will not rust. Price, $1.75 per 100 (by P. P., $1.85).



GLASS CUTTERS

Single Wheel, steel, each	$0.30
6 Wheel, steel, each	.45
No. 8 **Small Diamond.** Ebony handle	5.00
No. 8A **Large Diamond.** Mahogany handle	6.00

LIQUID GLAZING PUTTY

Superior to ordinary putty, more easily applied and lasting. Can be put on with a putty bulb or mastica machine.

Especially adapted for glazing wood and metal sash. Per gallon, $2.50.

MASTICOTE GLAZING CEMENT

Black. Apply with a mastica machine. Per gallon, $1.50.

MASTICA

For glazing greenhouses. One gallon will cover about 300 running feet. Gallon, $2.50.

GREENHOUSE PAINT

A superior white paint for sash bars, sash frames, etc. Per gallon, $3.75.

GLAZING POINTS

See illustration opposite.

Peerless. Three sizes.
No. 1, for single thick glass.
No. 2, for single thick glass.
No. 2½, for double thick glass.
Price, 60c. per 1000 (by P. P., 70c.).

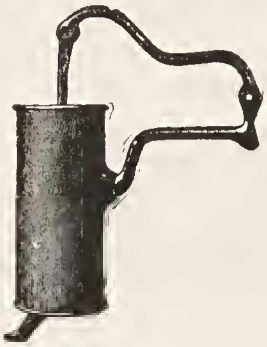
Pincers. For driving Peerless Points, $1.00 (by P. P., $1.10).

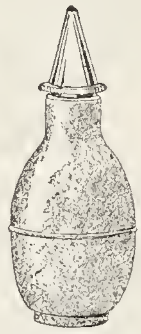
Siebert Style (*Zinc*). Made with a prominent head; cannot rust; easily driven. ⅝, ¾ and ⅞ inches long. 45c. per lb. (by P. P., 55c.); 5 lbs., $2.15 (by P. P., $2.30); 1000 to 1200 in a pound.

Zinc Glazing Nails. 40c. per lb. (by P. P., 50c.).

PUTTY DISTRIBUTOR

For distributing putty, mastica, etc. Price, $1.50 (by P. P., $1.60).


Mastica Machine

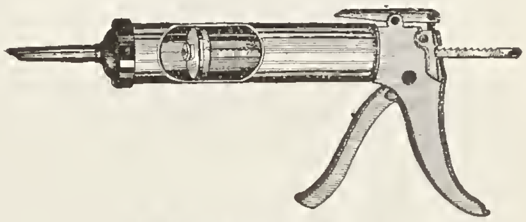

Putty Distributor

MASTICA MACHINE

For distributing mastica, etc. Made of heavy zinc. Price, $3.15 (by P. P., $3.30).

SKYBRYTE GLASS CLEANER

For taking off whitewash shading, etc. Coat the glass with Skybryte, flush off with water and glass is clean. Five pounds to 20 gallons of water is sufficient for 20,000 square feet of glass. Per 5 lbs., $4.00; $16.50 per 25 lbs.



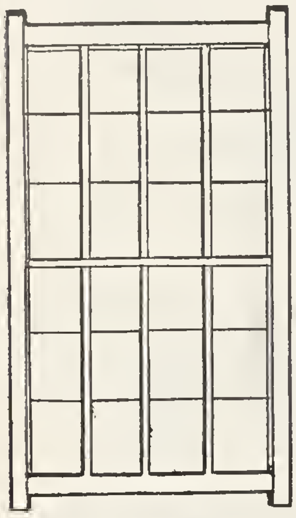
GLAZIT GUN

For applying liquid glazing putty, mastica, etc. Price, $4.50 (by P. P., $4.65).

GLAZING CHISEL

Made of the best quality steel. Price, $1.25 (by P. P., $1.40).

Parcel Post charges where named are for shipment to the first and second zones; for other zones, please see parcel post table, page 1.



HOTBED SASH

Philadelphia Style. Made of best quality cypress. Size, 3 feet 1½ inches wide, 6 feet long, 1¾ inches thick.

Plain, not glazed or painted . . . Each, $3.50

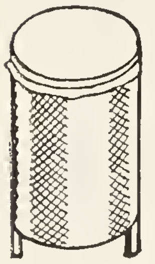
Glazed, primed and puttied . . . Each, 7.50

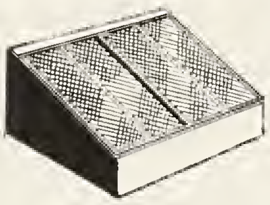
FLEX-O-GLASS

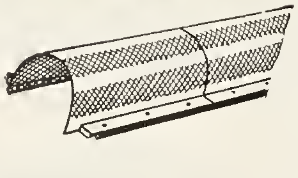
A glazed cloth used in place of glass in poultry houses, hotbeds, greenhouses, etc. Transparent and readily admits light, while at the same time withholding cold, water and wind; 36 inches wide.

Cut pieces . . . . 25c. per yd.

Full roll lots (100 yds.) . . . . 23c. per yd.







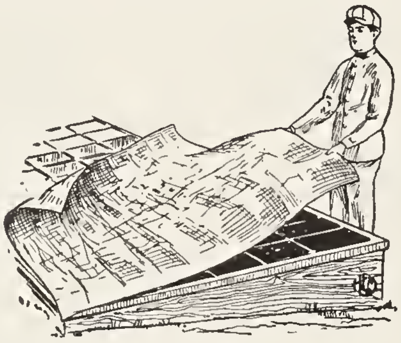
CEL-O-GLASS

Grow your own plants; get earlier flowers and vegetables with Cel-O-Glass; use the new improved style on your cold frames and hotbed sashes—for such important new uses as cylinders and cones for individual plants, forcers for row plants and newly planted seeds. Can be used where ordinary glass and cloth cannot and is much lighter. Sashes are easier to handle; not affected by hail, snow, rain or wind and cannot break like glass; flexible; easy to cut and use; highly translucent, lets in the ultra-violet rays of sunshine.

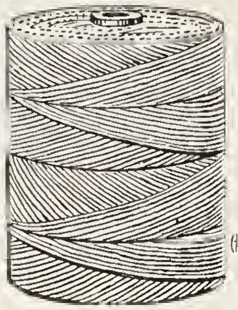
The new improved Cel-O-Glass lasts twice as long; saves heavy lifting, breakage and repair expense, 36 inches wide.

Cut pieces, per running foot, 40c.

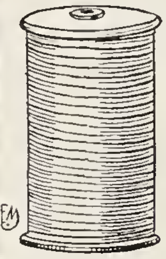
Full rolls, 100 feet, per running foot, 35c.



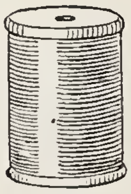
Hotbed Mats



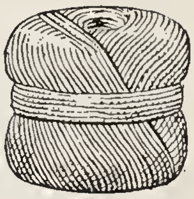
Peerless



Raffiatape



Silkaline



Green Sea Island

HOTBED MATS

Hotbed mats keep frost and severe cold out of frames. They mean earlier and bigger crops. The Burlap style are the best mats that it is possible to procure. They are padded with shoddy and are practically indestructible.

Burlap, Non-Waterproof. 76 x 76 inches, covering two regular size sash. Each, $3.50; $40.00 per dozen.

Burlap, Non-Waterproof. 40 x 76 inches, for one sash. Each, $2.00; $22.00 per doz.

Burlap one side, **Waterproof Drill** one side. 76 x 76 inches. $4.50 each; doz., $52.00.

Burlap one side, **Waterproof Drill** one side, 40 x 76 inches. $2.50 each; doz., $28.50. Special sizes of the above mats made to order. Prices on application.

BURLAP

For covering shrubbery, etc.	Per yd. Plain	Per yd. Green
3 feet wide, cut pieces	$0.14	$0.22
Full pieces, 100 yards	.13	.21
40 inches wide, cut pieces	.15	.23
Full pieces, 100 yards	.14	.22
4 feet wide, cut pieces	.17	.25
Full pieces, 100 yards	.16	.24

SHADING OR PROTECTING CLOTH

Largely used as a substitute for glass where protection is desired. It is admirable for Summer use, protecting plants, etc., from the sun and at the same time allowing ventilation. Made of brown cloth.

	Yards Per piece	Price Per yard	Price Per piece
Light	60	$0.17	$9.60
Medium	50	.21	10.00
Heavy	40	.35	13.20

TWINES, ETC.

If twines are wanted by parcel post, add 10c. per lb. for postage.

	Ball	Lb.
No. 108. **White Cayuga.** Medium	$0.35	$0.65
No. 208. **White Cayuga.** Heavy	.35	.65
Jute, 2-ply and 3-ply	.15	.25
Linen Bouquet	.15	.85
Green Sea Island	.10	.70
No. 4½. **Jap. Twine.** Medium heavy	.25	
White Cotton, 3-ply	.15	.55
Peerless. Color, Nile green.		.70
Tarred. For mat making	.30	
Tarred Sisal. For fodder		.16
Binder. 5 lb. balls	.75	
Express. Very heavy	.25	

Green Silkaline. For stringing Smilax, Asparagus, etc. F, fine; FF, medium; FFF, coarse, 35c. per spool; per lb. (8 spools), $2.75.

Everbest Thread. Very similar to the above; fast color. Price, 25c. per spool; per lb., $1.50.

RAFFIA

For tying, basket making and fancy work; very long and fibrous.

Natural Color, 40c. per lb. (by P. P., 50c.); 5 lbs., $1.90 (by P. P., $2.05).

Green, 75c. per lb. (by P. P., 85c.); 5 lbs., $3.50 (by P. P., $3.65).

RAFFIATAPE

This article is made of a composition of paper and linen and is tremendously strong; it is about ⅛-inch wide and comes 250 yards to a spool. This is very desirable for tying bouquets, flower boxes or for any other purpose where attractive tying material is desired. Color, Nile green. Per spool of 250 yards, 80c. (by P. P., 90c.); 6 spools, $4.75 (by P. P., $4.95).

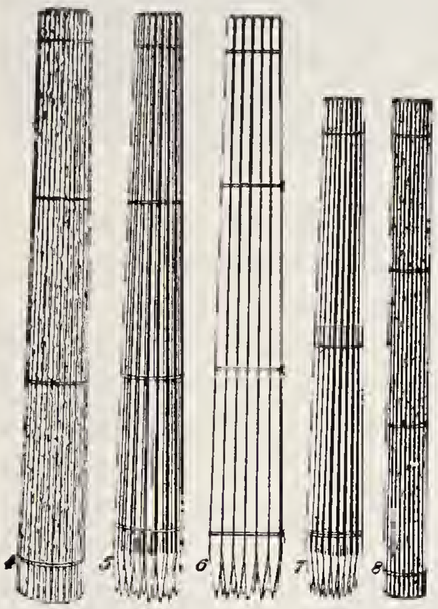
GERMACO HOTKAPS

An individual hothouse for each and every plant; protects plants from frost and other elements; matures crops earlier; keeps insects out; keeps soil soft. Made of scientifically constructed wax paper. Prices: 1000 lots, $10.00; 5000 lots, $9.65 per 1000; 10,000 lots, $9.55 per 1000; 250, Trial pkg., including Garden Setter with Tamper, $3.75; 100, Home pkg., including Garden Setter with Tamper, $2.50 (by P. P., $2.70).

Germaco Hotkap Steel Setters. For setting hotkaps accurately and quickly, $1.75 each (by P. P., $1.90).

Germaco Hotkap

Parcel Post charges where named are for shipment to the first and second zones; for other zones, please see parcel post table, page 1.



Key to above illustration: No. 4, Japanese Cane, natural; No. 5, Dahlia; No. 6, Square; No. 7, Tapering; No. 8, Japanese Cane, green.

PLANT STAKES

No. 10, Steel Wire, Galvanized

	Doz.	100	1000
2 foot	$0.25	$1.25	$8.75
2½ “	.30	1.60	10.50
3 “	.40	2.00	12.10
3½ “	.45	2.25	14.25
4 “	.50	2.50	16.50
4½ “	.55	2.75	18.75
5 “	.65	3.00	21.00
6 “	.85	3.50	23.00

No. 8, Steel Wire, Galvanized

For staking American Beauty and other strong growing roses.

	Doz.	100	1000
2 foot	$0.30	$1.60	$12.40
2½ “	.40	2.00	15.50
3 “	.50	2.25	18.25
3½ “	.55	3.00	21.75
4 “	.60	3.25	24.25
4½ “	.65	3.50	26.50
5 “	.70	3.75	28.60
6 “	.90	4.75	35.25

GREEN PAINTED TAPERING PLANT STAKES

	Each	Doz.	100
1½ foot	$0.04	$0.35	$1.75
2 “	.06	.55	3.25
2½ “	.07	.75	4.75
3 “	.10	1.00	6.25
3½ “	.11	1.15	7.50
4 “	.13	1.40	9.00
5 “	.16	1.75	11.50

GREEN PAINTED ROSE OR DAHLIA STAKES

	Each	Doz.	100
3 foot	$0.15	$1.40	$9.50
4 “	.20	1.90	13.00
5 “	.25	2.40	16.50
6 “	.30	3.00	20.00

SQUARE PAINTED PLANT STAKES

	Each	Doz.	100
1½ foot	$0.04	$0.30	$1.75
2 “	.05	.50	2.50
2½ “	.07	.65	3.00
3 “	.10	1.05	6.25
4 “	.15	1.35	9.50
5 “	.20	2.00	13.50
6 “	.25	2.50	15.50

HYACINTH STAKES
(Wood) Dyed Green

Used for staking hyacinths, tulips and slender plants.

	Doz.	100	1000
5 inch	$0.05	$0.20	$1.00
12 “	.07	.30	1.75
18 “	.10	.40	2.50

JAPANESE CANE STAKES

These are very attractive for all purposes of plant staking; thin and very strong.

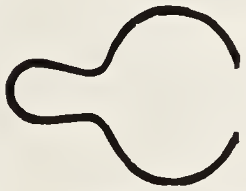
Feet	Doz.	100	1000
1½ Green	$0.15	$0.65	$3.50
2 “	.20	.90	5.50
2½ “	.25	1.15	6.00
3 “	.30	1.25	7.00
3½ “	.35	1.40	8.00
4 “	.40	1.75	9.00
5 “	.45	2.00	11.00
6 Natural	.45	2.00	12.00

CHINESE TONKIN BAMBOO STAKES

A heavy, substantial stake for Dahlias, Ivy, young trees, etc.

	Doz.	100
4 feet high, ⅜-inch diameter	$0.55	$3.00
6 feet high, ⅝ to ¾-inch diam.	1.00	6.00

LIGHTNING WIRE STAKE TIE

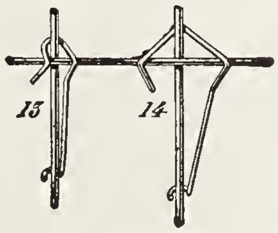


For fastening plants to stakes, either wire or wood; can be used many times.

Price, 35c. per 100; per 1000, $2.50 (by P. P., $2.60).

STAKE FASTENERS

These take the place of string entirely, lasting several seasons; used for fastening cross wires to galvanized stakes.



	500	1000
Everlasting Style, heavy	$1.75	$3.00
Eureka Style, light	1.25	2.25

If wanted by parcel post, add 10c. per 500; 15c. per 1000 for postage.

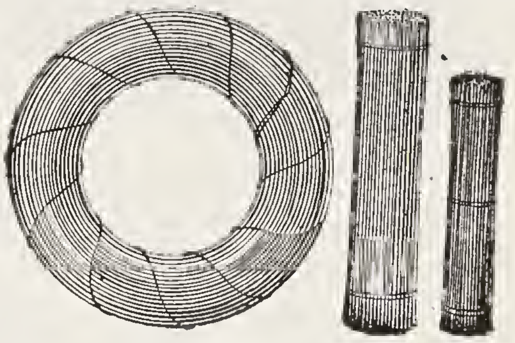
BAMBOO POLES

Used extensively for brushing worm casts off Putting Greens, also for staking young trees.

	Each	Doz.	100
16 feet long	$0.25	$2.50	$15.00
18 feet long	.35	3.25	22.00
20 feet long	.45	4.00	27.50

Poles (Wood)

	Each
12 feet long, 1½-inch diameter	$2.00
14 feet long, 1½-inch diameter	2.25



WIRE

If wanted by parcel post, add 10c. per lb.; 25c. per 12 lbs. for postage.

	Lb.	12 lb. Stone
No. 16. Galvanized	$0.20	$1.50
No. 18. Galvanized	.25	1.65
No. 19. Galvanized	.25	1.80
No. 20. Galvanized	.25	1.90
No. 22. Galvanized	.30	2.00
No. 16. Annealed	.18	1.25
No. 18. Annealed	.20	1.40
No. 20. Annealed	.25	1.50
No. 22. Annealed	.25	1.65
No. 24. Annealed	.30	1.80

TINNED WIRE

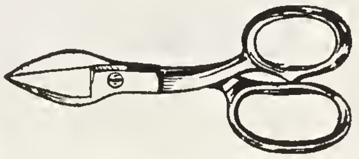
Used for bunching celery, etc.

No. 19, in 10 lb. boxes, cut 8½ inches, 30c. per lb.; per box, $2.25.

CUT BOUQUET WIRE
(For Stemming Flowers)

Cut, 9, 12 or 18 inches in length.

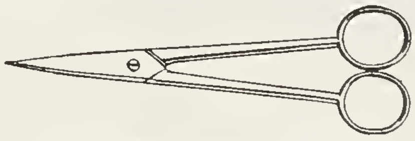
No. 20, 25c. per lb.; per box, 12 lbs.	$2.00
No. 22, 30c. per lb.; per box, 12 lbs.	2.50
No. 24, 35c. per lb.; per box, 12 lbs.	3.00



WIRE AND TIN SHEARS

If wanted by parcel post, add 10c. each for postage.

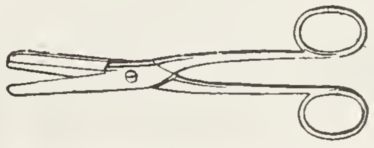
No. 369. 7-inch, serrated edge, long blade	$1.75
No. 833. 7½-inch, used for cut flower wire, etc.	1.10
No. 832 8-inch, used for cut flower wire, etc.	1.15
No. 12. 8-inch for heavy wire and tin	1.25
No. 10. 10-inch for heavy wire and tin	2.00



GRAPE SCISSORS

For thinning out bunches of grapes, and not disturbing the berries that are to remain for development.

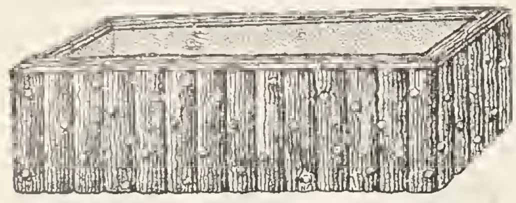
No. 846. 6-inch, $1.25 (by P. P., $1.35).



FLOWER SCISSORS

No. 575. Cuts flowers and holds the stem. Price, $2.00 (by P. P., $2.10).

WINDOW AND PORCH BOXES, ETC.



Rustic Window Box

WINDOW BOXES

Wooden Rustic Bark Style. Attractively made and neatly finished; for indoor or outdoor use.

Length	Depth outside	Width outside	Price
24 inch	7½ inch	11 inch	$1.75
30 inch	7½ inch	11 inch	2.25
36 inch	7½ inch	11 inch	2.50

Any length made to order, $1.00 per running foot, 11 inches wide.

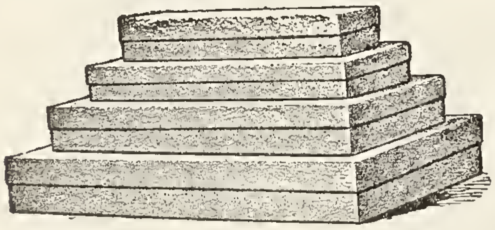
RUSTIC BARK (Cedar)

For covering boxes, columns or any other article.

Per square foot	$0.15
25 square feet	2.75
50 square feet	5.00

BIRCH BARK

Per lb., 50c.; $4.50 per 10 lbs.



CUT FLOWER BOXES
CORRUGATED PAPER

These are desirable for shipping cut flowers from country estates to city residences; very durable. Prices include clips for setting up.

	Each	Doz.
48 x 14 x 8 inch	$0.60	$5.00
42 x 14 x 8 inch	.50	4.00
36 x 14 x 6 inch	.45	3.50
30 x 12 x 6 inch	.40	3.00
24 x 8 x 5 inch	.25	2.00

LIGHT WEIGHT PAPER

Mist green, lined white inside. The sizes offered in this finish are carried in stock; other sizes in this finish, also in manila, mist tan and oxford gray can be supplied on short notice.

L. W. D.	Doz.	100
18 x 5 x 3 inch	$0.70	$4.40
24 x 5 x 3½ inch	1.10	7.00
24 x 8 x 4 inch	1.30	8.80
28 x 8 x 5 inch	2.00	12.20
30 x 10 x 6 inch	2.25	16.50
30 x 12 x 7 inch	3.00	21.00
36 x 8 x 5 inch	2.25	16.50

We can also supply other sizes and styles of boxes.

PAPER FOR WRAPPING BOXES AND FLOWERS

	Lb.	½ rm.	Rm.
Manila. For wrapping	$0.20	$2.00	$3.50
Manila. Tissue	.25	1.10	2.00
White Wax. 24 x 36 in.	.35	1.50	2.75
Green Wax. 24 x 36 in.	.40	1.75	3.00

WINDOW BOXES

Plain Wood Style (Painted Green). We recommend these for use at the temporary Summer home in the country or at the seashore, or in cases where one may not feel like spending a larger cost than these entail.

Length	Depth outside	Width outside	Price
24 inch	6½ inch	8 inch	$1.25
30 inch	6½ inch	8 inch	1.50
36 inch	6½ inch	8 inch	1.75

Any length made to order, 80c. per running foot, 8 inches wide.

WINDOW AND PORCH BOX PAINT

Weather resisting; mixed especially for the purpose; will not fade when exposed to weather or soil conditions. Two colors only, white or chrome green. Pt. 65c; $1.10 per qt.; gal., $3.50.

PERFECTO FLOWER BOXES
Air-Circulating, Self-Irrigating

Made of coppered steel, which will neither rust nor deteriorate; finished in enameled green.

Length	Depth	Width	Price
20 inch	6 inch	7 inch	$1.00
26 inch	6 inch	7 inch	1.25
32 inch	6 inch	7 inch	1.50
38 inch	6 inch	7 inch	2.00
44 inch	6 inch	7 inch	2.50

These can be furnished in Ivory color at an additional cost of 25c. each.

CREPE PAPER
(Waterproof)

Colors, moss green, nile green, red, blue, pink, yellow, purple, lavender and white. 50c. per roll (by P. P., 55c.).

ROOFING PAPER, ETC.

	Sq. ft.	Per roll
Celery paper	500	$2.00
Marley Rubber Roofing, 2-ply	108	3.00
Marley Rubber Roofing, 3-ply	108	3.50

Caps for paper. 1 lb., 15c. (by P. P., 25c.); 5 lbs., 70c. (by P. P., 85c.).

Nails for paper. 1 lb., 15c. (by P. P., 25c.); 5 lbs., 70c. (by P. P., 85c.).

SUNDRIES

Bulb Fibre. Qt., 15c.; 45c. per ½ pk.; pk., 75c.; $1.25 per ½ bu.; bu., $2.00.

Bull Dog Clips. For fastening packages, etc., $1.00 per box (by P. P., $1.10).

Carnation Bands (*Rubber*). For mending bursted calyx. 25c. per oz.; ¼ lb., 90c.

Carnation Clips (*Baurs*). For mending carnations. $1.50 per 1000. Pliers for attaching same, $3.25.

Carnation Staples (*Wire*). 50c. per 1000.

Celery Tape. Fast red, in 1000 yard spools, $4.00 (by P. P., $4.15).

Celery Tape. Green, in 1000 yard spools, $3.00 (by P. P., $3.15).

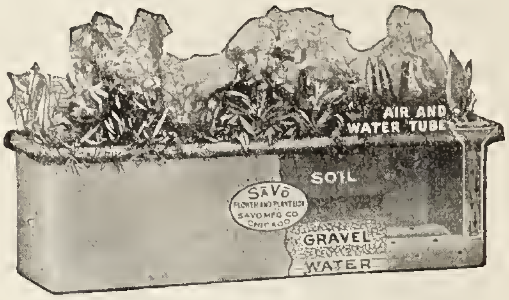
Charcoal (*Lump*). For use in potting. Pk., 65c.; $1.50 per bu.; bbl. sack, $2.00.

Charcoal (*Ground*). Coarse, fine and powdered. Per lb., 10c.; 35c. per 5 lbs.; 10 lbs., 60c.; $1.25 per 25 lbs.; 100 lbs., $3.50.

Moss (*Green Lump*). Pk., 50c.; $1.50 per bu.; bbl. bag, $2.50.

Moss (*Green Sheet*). Per lb., 30c.; $2.50 per bag.

Moss (*Sphagnum, dry*). Bbl. bags, $1.25; $3.00 per large bale.



WINDOW BOXES
Savo Self-Watering

The Savo Flower and Plant Boxes are made of the best grade of galvanized steel, with neat round corners and a full roll rim; watering easy, drainage ample, air circulation perfect. The green enamel finish both inside and out prevents rust or leakage. Reservoir requires water about every 10 days to two weeks.

	Height	Width	Length	Price
Model A	8 in.	9½ in.	23 in.	$3.25
Model B	8 in.	9½ in.	29 in.	3.75
Model C	8 in.	9½ in.	35 in.	4.25
Model D	8 in.	9½ in.	41 in.	4.75

These are outside measurements, including the ¾-inch roll rim.

SUNDRIES
(Continued)

Moss (*Sphagnum, live*). Pk., 40c.; $1.25 per bu.; bbl., $3.00.

Mouse Seed. For destroying Mice. Per pkg., 25c.

Pearl Chips. For bulb bowls, aquariums, etc. White or colored. Per lb. pkg., 10c. (by P. P., 20c.); 12 pkgs., $1.00.

In bulk, white, 75c. per 10 lbs. Colored, $1.00 per 10 lbs.

Peat or Leaf Mould. Pk., 45c.; $1.25 per bu.; bbl., $3.00.

Peat (*Orchid*). Pk., 50c.; $1.60 per bu.; bbl. bag, $3.25.

Pebbles. Qt., 10c.; 75c. per pk.; bu., $2.50; $5.00 per bbl. sack.

Pruning Compound or Tree Dressing (*Fraims*). Per qt., 50c.; $1.50 per gal.

Sand. For propagating. Per qt., 10c.; 40c. per pk.; bu., $1.40; $3.00 per bbl. sack.

Shaderine. For shading greenhouse glass. 5 lbs., $1.50; $2.75 per 10 lb. can.

Soil. For potting. Qt., 10c.; 25c. per ½ pk.; pk., 40c.; $1.50 per bu.; bbl. bag, $3.25.

Soil. Plain top. Per 100 lbs., $1.00; $4.50 per 500 lbs.; 1000 lbs., $8.00; $15.00 per ton, in bags. Tons in bulk, truck load lots, approximately 3 tons to the truck, $10.00 per ton.

Tin Foil (*Plain*). In 5 and 6 inch widths, 1 lb. pkgs., 20c. (by P. P., 30c.); 5 lbs. for 90c. (by P. P., $1.05); 5 inch width in 5 lb. rolls, $1.00 (by P. P., $1.15). Green or violet in 1 lb. pkgs., 35c. (by P. P., 45c.).

Toothpicks. Wired, 50c. per 1000; 10,000 $3.50.

Toothpicks. 4 inch, wired, green; per 1000, $1.00; $4.00 per 4500.

Toothpicks. 6 inch, wired, green; per 1000, $1.20; $3.30 per 3000.

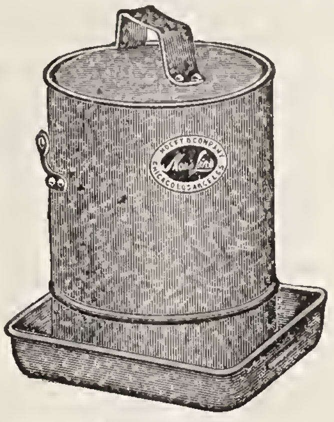
Weed Killer (*Michell's*). Qt., 50c.; $1.50 per gal.; 5 gals., $6.25; $30.00 per 30 gals.; 50 gals., $42.50.

MOE'S TOP-FILL CLEANABLE FOUNTAINS

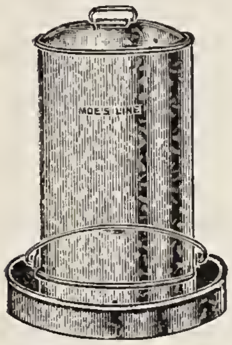
Made of heavy galvanized steel with double walls; keeps the water cool in Summer and retards freezing in Winter.

With square pans.

No.	Capacity	Each
1	1 gallon	$1.40
2	2 gallon	2.15



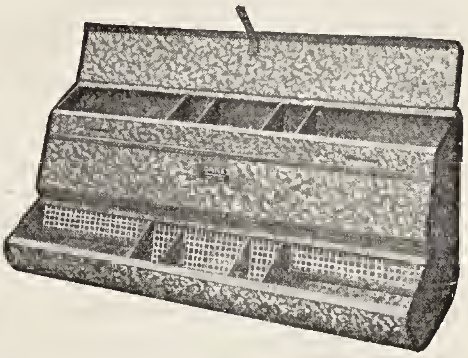
Moe's Fountain



Moe's Fountain

With round pans.

No.	Capacity	Each
33	2 gallons	$2.25



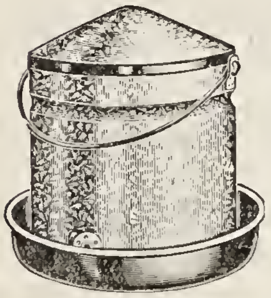
OAKES HANDY HOPPER

Made of galvanized steel; hinged lids over both hopper and trough.

No. H-15. 36 in. long, 5 compartments, $3.00 each.

KEEP WARM THERMO FOUNTAIN

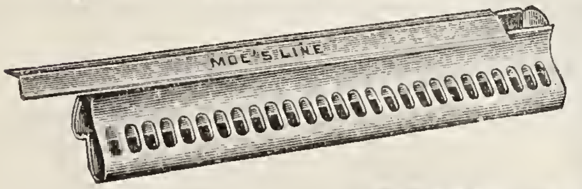
For Chicks or Hens



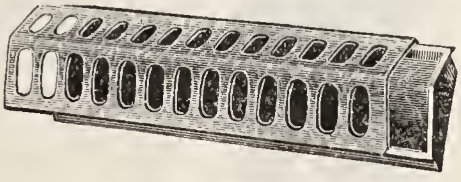
Insulating jacket or outer tank is an inch thick all the way down; the top is insulated; there is also a complete layer of insulation, as well as a dead air space below and all around the water in the pan. Water heated to 110 degrees will not freeze in this fountain in very severe weather. The inner tank is soldered to the base.

No.	Capacity	Price
3	3 gallons	$4.00
5	5 gallons	5.00

MOE'S LARGE CAPACITY FEEDER



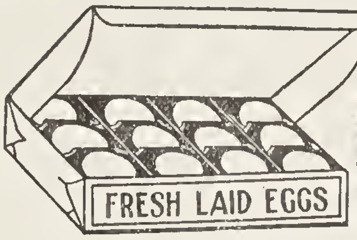
No. 140. Capacity, 10 quarts; length, 21 in.; width, 8½ in.; height, 7 in.; 16 openings on each side; galvanized steel; sliding top cover. $1.00 each.



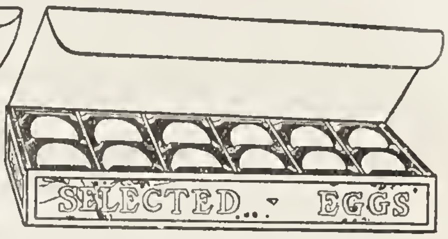
MOE'S IMPROVED DOUBLE CHICK FEEDER

Made of galvanized steel; sliding top.

No.	Length	No. of holes	Each
58	12	18	$0.30
59	18	26	.40
60	24	36	.50



Eagle Style Egg Box



Suwanee Egg Box

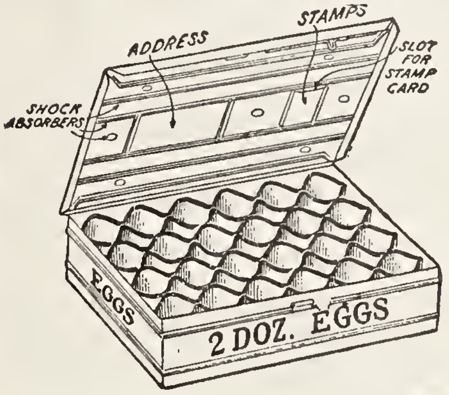
Paper Egg Boxes (1 Doz. Cap.)

Suwanee Paper Egg Cartons. For delivering table eggs; capacity one dozen each. Made of heavy cardboard; oblong shape. 30c. per doz. (by P. P., 40c.); 25 for 50c. (by P. P., 60c.); $1.75 per 100; per 1000, $15.50.

Eagle Style. Light weight cardboard, 20c. per doz. (by P. P., 25c.); 25 for 35c. (by P. P., 45c.); $1.00 per 100; per 1000, $9.00.

Printing of Egg Boxes. $3.00 per 1000.

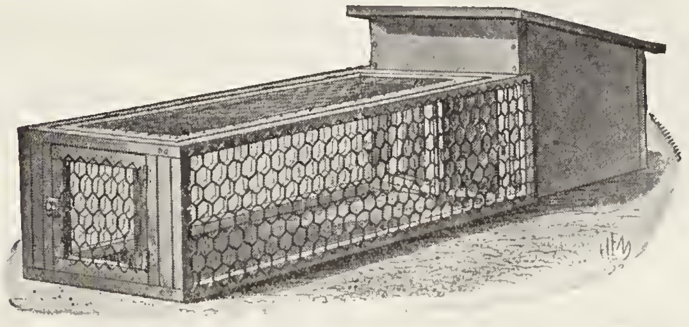
Metal Egg Shipping Box



This is the ideal, indestructible box for forwarding household eggs by parcel post or express; can be used indefinitely.

	Each
2 dozen capacity	$1.25
3 dozen capacity	1.50
4 dozen capacity	1.75
6 dozen capacity	2.00
9 dozen capacity	2.50
12 dozen capacity	3.00

If wanted by parcel post, add 15c. per box for mailing.



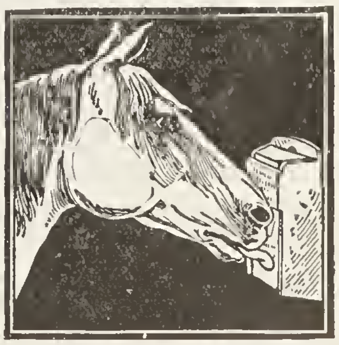
FARM BROOD COOP

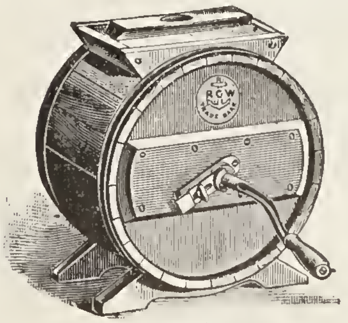
A big, roomy coop that will accommodate a bunch of chicks. Well ventilated; substantially made; shipped knocked down. Made from grooved and tongued lumber, not painted. It is 21 inches wide, 22 inches from front to back, 22 inches high in front, 14 inches high in back. The roof is hinged. Then there is a wire run 38 x 21 x 16 inches. The top is hinged. Price, complete, $6.00.

SALT BRICKS

For dairy cows, horses and other animals. Essential to general good health in stables; fastened on the wall it is accessible at all times and remains clean. Per brick, 25c. (by P. P., 35c.); $2.75 per dozen.

Salt Brick Holders, 45c. each (by P. P., 60c.); doz., $4.75.





Butter Churn

Richmond Butter Churn

First quality white cedar, carefully finished, easily cleaned. You can make butter according to the amount of milk or cream on hand.

		Each	By P. P.
No. 1.	3 gals	$4.25	$4.50
No. 2.	4 gals	5.00	5.50
No. 3.	7 gals	5.50	6.00

If Poultry Foods are wanted by Parcel Post, add for postage as follows: 10c. for 1 lb.; 15c. for 5 lbs.; 20c. for 10 lbs. to the first and second zones; for other zones see parcel post table page 1. Larger quantities by express or freight.

Prices of Poultry Food fluctuate constantly and are subject to change.

For Bird Seeds and Supplies see page 173.

Alfalfa Meal. 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., $1.00; $1.75 per 50 lbs.; 100 lbs., $3.00.

Barley. Per qt., 20c.; 50c. per 4 qts.; pk., 80c.; $2.50 per bu.

Bone (*Coarse Ground*). 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., $1.40; $4.50 per 100 lbs.

Bone (*Fine Grade*). 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., $1.25; $4.00 per 100 lbs.

Bran (*Wheat*). 5 lbs., 25c.; 40c. per 10 lbs.; 25 lbs., 90c.; $1.50 per 50 lbs.; 100 lbs., $2.50.

Broken Rice. Per lb., 15c.; 50c. per 5 lbs.; 10 lbs., 85c.; $1.50 per 25 lbs.; 50 lbs., $2.80; $4.50 per 100 lbs.

Buckwheat. Per qt., 15c.; 45c. per 4 qts.; pk., 75c.; $2.00 per bu.

Canada Peas. Per qt., 25c.; 75c. per 4 qts.; pk., $1.00; $3.25 per bu.

Cat Food (*Spratt's*). Saves the necessity of especially preparing food for tabby. Small carton, 20c.; 35c. per large carton.

Catnip Balls. A plaything and tonic for pussy. 20c. each.

Charcoal. Two grades, **fine** and **coarse.** 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., $1.00; $3.50 per 100 lbs.

Chicgrain (*Spratt's*). 5 lbs., 35c.; 65c. per 10 lbs.; 25 lbs., $1.50; $5.50 per 100 lbs.

Chick Food (*Michell's*). 5 lbs., 35c.; 55c. per 10 lbs.; 25 lbs., $1.10; $3.50 per 100 lbs.

Chick Food (*Park and Pollard*). 5 lbs., 35c.; 55c. per 10 lbs.; 25 lbs., $1.25; $3.75 per 100 lbs.

Chick Starter Food with Buttermilk (*Pratt's*). Per 2½ lbs., 25c.; 50c. per 5¾ lbs.; 10 lbs., 85c.; $1.50 per 25 lbs.; 50 lbs., $2.80; $4.50 per 100 lbs.

Chick Meal (*Spratt's Nos.* 3, 5 *and* 12). 5 lbs., 85c.; $1.50 per 10 lbs.; 25 lbs., $3.50; $6.25 per 50 lbs.; 100 lbs., $12.00.

Conkey's Poultry Tonic. To induce the hen to lay more and larger eggs. 25c. per 1½ lb. pkg. (by P. P., 35c.).

Conkey's Y-O. Yeast with cod-liver oil in powder form. Insures vitamins. Per lb., 50c.; 90c. per 2 lbs.; 5 lbs., $1.60.

Corn Meal (*Special Process*). 5 lbs., 25c.; 40c. per 10 lbs.; 25 lbs., 85c.; $1.50 per 50 lbs.; 100 lbs., $2.50.

Cracked Corn. 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., $1.00; $1.75 per 50 lbs.; 100 lbs., $3.00.

Developing Food (*Michell's*). 5 lbs., 35c.; 55c. per 10 lbs.; 25 lbs., $1.10; $3.50 per 100 lbs.

Gluten Meal. 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., $1.00; $1.75 per 50 lbs.; 100 lbs., $3.00.

Grit. Fine, medium and coarse. 5 lbs., 15c.; 25c. per 10 lbs.; 25 lbs., 50c.; $1.50 per 100 lbs.

Grit (*Red Cross Health*). For pigeons. 5 lbs., 20c.; 35c. per 10 lbs.; 25 lbs., 65c.; $2.25 per 100 lbs.

Ground Oats. 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., $1.00; $3.25 per 100 lbs.

Growing Food (*Park and Pollard*). 5 lbs., 35c.; 55c. per 10 lbs.; 25 lbs., $1.10; $3.50 per 100 lbs.

Hemp Seed. Per lb., 15c.; 70c. per 5 lbs.; 10 lbs., $1.25; $2.50 per 25 lbs.

Hulled Oats. 5 lbs., 30c.; $1.35 per 25 lbs.; 50 lbs., $2.50; $4.50 per 100 lbs.

Kaffir Corn. Per lb., 15c.; 35c. per 5 lbs.; 10 lbs., 60c.; $1.25 per 25 lbs.; 50 lbs., $2.25; $4.00 per 100 lbs.

Linseed Meal. Lb., 20c.; 75c. per 5 lbs.; 10 lbs., $1.00; $2.00 per 25 lbs.; 100 lbs., $6.00.

Mash Food (*Laying Buttermilk*). 5 lbs., 35c.; 55c. per 10 lbs.; 25 lbs., $1.10; $3.50 per 100 lbs.

Mash Food (*Park and Pollard*). 5 lbs., 35c.; 55c. per 10 lbs.; 25 lbs., $1.10; $3.50 per 100 lbs.

Mash Food (*Growing Buttermilk*). 5 lbs., 35c.; 55c. per 10 lbs.; 25 lbs., $1.15; $3.75 per 100 lbs.

Meat (*Prepared*). 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., $1.25; $2.00 per 50 lbs.; per 100 lbs., $3.75.

Middlings. 5 lbs., 25c.; 45c. per 10 lbs.; 25 lbs., 85c.; $1.50 per 50 lbs.; 100 lbs., $3.00.

Millet. 5 lbs., 45c.; 75c. per 10 lbs.; 25 lbs., $1.50; $5.00 per 100 lbs.

Oat Meal (*Pin Head*). 5 lbs., 60c.; $1.00 per 10 lbs.; 25 lbs., $2.00; $3.50 per 50 lbs.; 100 lbs., $6.00.

Oyster Shells. Fine and coarse. 5 lbs., 15c.; 30c. per 10 lbs.; 25 lbs., 50c.; $1.00 per 100 lbs.

Pan-a-min (*Drs. Hess and Clark*). 3 lbs., 50c.; $1.00 per 7 lbs.; 15 lbs., $2.00.

Pheasant Meal (*Spratt's*). No. 12 Fine; No. 5 Coarse; No. 3 Medium; 5 lbs., 85c.; $1.50 per 10 lbs.; 25 lbs., $3.50; $6.25 per 50 lbs.; 100 lbs., $12.00.

Pigeon Food. 5 lbs., 40c.; 60c. per 10 lbs.; 25 lbs., $1.25; $4.50 per 100 lbs.

Poultry Food (*Spratt's No.* 3). 5 lbs., 75c.; $1.35 per 10 lbs.; 25 lbs., $3.00; $11.00 per 100 lbs.

Poultry or Scratch Food (*Michell's*). 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., $1.00; $3.25 per 100 lbs.

Poultry or Scratch Food (*Park and Pollard*). 5 lbs., 35c.; 55c. per 10 lbs.; 25 lbs., $1.10; $3.50 per 100 lbs.

Pratt's Poultry Regulator. Price, 24 oz., 25c. (by P. P., 35c.); 50c. per 4 lbs. (by P. P., 65c.); 12 lb. pkg., $1.50 (by P. P., $1.80); 25 lbs., $2.50; $9.00 per 100 lbs.

Sunflower Seed. Per lb., 15c.; 40c. per 3 lbs.; 5 lbs., 65c.; $1.25 per 10 lbs.; 25 lbs., $3.00.

SPRATT'S DOG FOOD

SPRATT'S
SPIX
MEAT FIBRINE
DOG CAKES

Spix. A bone-sized biscuit for small breeds. 31 oz. size, 35c.; 85c. per 5 lbs.; 10 lbs., $1.50; $3.50 per 25 lbs.; 50 lbs., $6.75.

Ovals. A miniature biscuit for small breeds. 26 oz. size, 35c.; 85c. per 5 lbs.; 10 lbs., $1.60; $3.50 per 25 lbs.; 50 lbs., $6.75.

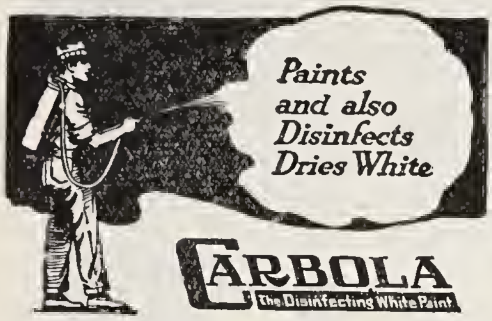
Fibo. A granulated food. 2 lbs., 40c.; 90c. per 5 lbs.; 10 lbs., $1.70.

SPRATT'S
OVALS
A SMALL MEAT BISCUIT OF SUPERIOR QUALITY FOR DOGS OF ALL BREEDS AND SIZES

Miniature samples of the above can be supplied on request. Illustrated booklet of 56 pages on "Care and Feeding of Dogs" free.

MICHELL'S POULTRY REMEDIES, DISINFECTANTS, ETC.

Parcel Post charges where named are for shipment to the first and second zones; for other zones, see parcel post table, page 1.


Paints and also Disinfects Dries White
CARBOLA
The Disinfecting White Paint

Carbola. An improvement on whitewash, combining the features of a cold water paint and disinfectant; will not rub or chip; not a lime product. 60c. per 5 lbs.; 10 lbs., $1.00; $2.00 per 25 lbs.; 50 lbs., $3.50.

Carbolineum. A poultry house disinfectant, louse and mite destroyer; insures absolute riddance of the pests if applied but twice a year. Excellent for preserving wood against rot and decay; in gallon cans only. $1.50 per gal.; 5 gals. for $7.00.

Chemo. A liquid lice killer that will not discolor the plumage of white poultry. Per gal., $2.00.

Conkey's Old Reliable Powder. An excellent roup remedy; can be given in the drinking water. 25c., 50c. and $1.00 per box (by P. P., add 10c. extra).

Conkey's Poultry Worm Remedy. 25c. and 50c. per pkg. (by P. P., add 10c. extra).

Death to Lice (*Lambert's*). For dusting fowls and nests. The most effective chicken lice exterminator in existence. 25c. for 15 ozs. (by P. P., 35c.); 48 ozs., 50c. (by P. P., 65c.); $1.00 per 100 oz. pkg. (by P. P., $1.20).

Death to Lice Ointment (*Lambert's*). A salve or ointment used on the heads of newly-hatched chicks. It drives away lice instantly. 10c. and 25c. per box (by P. P., add 10c. extra).

Gape Worm Extractor (*Pilling*). Made entirely of German silver, 25c. each.

Germozone. The standard remedy for the prevention and cure of most every ill that affects poultry, such as roup, cholera, bowel complaint, diarrhoea, sore head, gapes, etc. In tablet form, 75c. (by P. P., 85c.).

Pratt's Disinfectant. For dipping and spraying poultry and stock. Pt., 35c.; 50c. per qt.; ½ gal., 85c.; $1.45 per gal.; 5 gals., $6.50.

Pratt's Gape Compound. For external use. 50c. per pkg.

Pratt's Powdered Lice Killer. For dusting nests, fowls, chicks, etc.; quickly kills the lice. 25c. and 50c. per box (by P. P., add 10c. extra).

Pratt's R. P. Tablets. For roup, canker, catarrh and diphtheria. As a preventative it is unsurpassed. 25c. and 50c. per box (by P. P., add 10c. extra).

Pratt's Poultry Worm Powder. 60c. per pkg. (by P. P., add 10c. extra).

Pratt's Sore Head Chicken Pox Preparation. A sure, rapid cure for the dreaded disease known as sore head or chicken pox. 60c. per pkg. (by P. P., add 10c. extra).

Pratt's Chick Tablets. For baby chicks; keep the germs of disease from becoming active by using this remedy. 25c. and 50c. (by P. P., add 10c. extra).

Pratt's N. K. Capsules (*Poultry Worm Capsule*). Pkg. for adult fowls, 85c.; pkg. for chicks, 55c.

Roup Syringe (*Pillings*). For administering liquid roup remedies in the nostrils or throat. Price, 60c. each.

Spratt's Dog Soap. Entirely free from poison, and at the same time most effective in the destruction of lice and fleas. 25c. per cake (by P. P., 35c.).

Sulphur Candles. 20c. each (by P. P., 25c.); doz., $1.65.

Tobacco Dust. For dusting on roosts, nests, etc., to keep away vermin. Carton with sifter top, 25c.; 5 lbs. for 35c.; 60c. for 10 lbs.; 25 lbs., $1.25; $2.00 per 50 lbs.; 100 lbs., $3.50.

Tobacco Stems. For making nests, etc. 1 lb., 10c.; 30c. for 5 lbs.; 10 lbs., 50c.; $1.00 per 25 lbs.; large bales of about 250 lbs., at 2c. per lb.; per ½ ton, $15.00; $27.50 per ton.

Zenoleum Liquid. Dilute one part Zenoleum to one hundred parts water. It is non-poisonous and is not irritating or inflammable. Should be used freely around barns and poultry houses. Zenoleum is a concentrated solution of coal tar. It is mixed with hot or cold water, making a perfect emulsion that requires no boiling or stilling. 8 ozs., 35c.; 50c. per pt.; qt., 75c.; $1.25 per ½ gal.; gal., $2.00; $9.50 per 5 gals.

MICHELL'S RECLEANED BIRD SEEDS, PET SUPPLIES, ETC.

If Bird Seeds, etc., are wanted by Parcel Post, add for postage as follows: 10c. for 1 lb.; 15c. for 5 lbs.; 20c. for 10 lbs.

Bird Manna. Keeps Canary birds in prime condition and prevents the loss of song. Pkg., 15c.

Canary Seed (*Plain Sicily*). Recleaned and of splendid quality. Per lb., 20c.; 85c. per 5 lbs.; 10 lbs., $1.50; $3.25 per 25 lbs.

Canary Seed (*Mixed*). A mixture of the finest quality and in proper proportions. Per lb., 20c.; 85c. per 5 lbs.; 10 lbs., $1.50; $3.25 per 25 lbs.

Catnip Balls. A plaything and tonic for pussy. 20c. each.

SPRATT'S
CUTTLE FISH BONE WITH HOLDER

Cuttle Fish Bone. Good for digestion and general health. Each, 5c.; 20c. per ¼ lb.; per lb., 60c.

Cuttle Fish Bone. With holder for fastening to cage. 10c. each.

Fish Food (*Spratt's*). Granular and wafer form. Per pkg., 10c.

Hemp Seed. Birds are very fond of this seed; it is rich and should be fed with discretion. Lb., 15c.; 5 lbs., 70c.; 10 lbs., $1.25; $2.50 per 25 lbs.

Lettuce Seed. A slight sprinkle of this is much relished by canaries. Oz., 10c.; ¼ lb., 20c.; 50c. per lb.

Maw Seed. Calculated to improve the song of canaries, etc. Lb., 30c.; $1.25 per 5 lbs.

Millet Seed. Recleaned seed; nutritious and appetizing. Lb., 15c.; 5 lbs., 60c.; 10 lbs., $1.00.

Parrot Food (*Spratt's*). Small pkg., 20c.; large pkg., 30c.

Rape Seed. Will keep the birds in excellent condition; feed with canary seed. Lb., 15c.; 5 lbs., 70c.; 10 lbs., $1.25; $2.50 per 25 lbs.

Sand. For bird cages. Red, fine. Pkg., 10c.; $1.00 per doz. pkgs.

Sand. Silver, fine. Pkg., 10c.; $1.00 per doz. pkgs. Bulk, 85c. per pk.; bu., $2.50.

Sand or Gravel. Silver, coarse; for parrots' cages. 10c. per pkg.; doz. pkg., $1.00. Bulk, 85c. per pk.; bu., $2.50.

Song Restorer. For canaries, 25c. per bottle; doz., $2.50.

Spratt's Sing Song. A tonic and song restorer. Pkg., 10c.

Sunflower Seed. We are very large handlers of this important food for parrots. Our customers may depend upon getting a very choice article. 15c. per lb.; 3 lbs., 40c.; 65c. per 5 lbs.; 10 lbs., $1.25; $3.00 per 25 lbs.

Thistle Seed. Per ½ lb., 20c.; 35c. per lb.; 5 lbs., $1.50; $2.50 per 10 lbs.

Unhulled Rice. Lb., 20c.; 5 lbs., 75c.; 10 lbs., $1.40.

Wild Bird Seed Mixture. Lb., 20c.; 80c. per 5 lbs.; 10 lbs., $1.50; $3.00 per 25 lbs.; 100 lbs., $10.00.

Prices on Bird Seed in large quantities quoted on application.

MICHELL'S RUSTIC AND ORNAMENTAL BIRD HOUSES

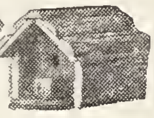
21

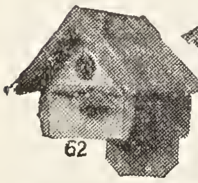
25

28

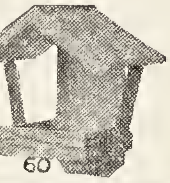
11

14

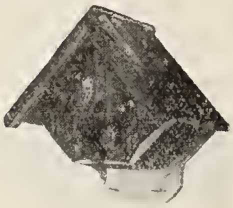

13


62

61

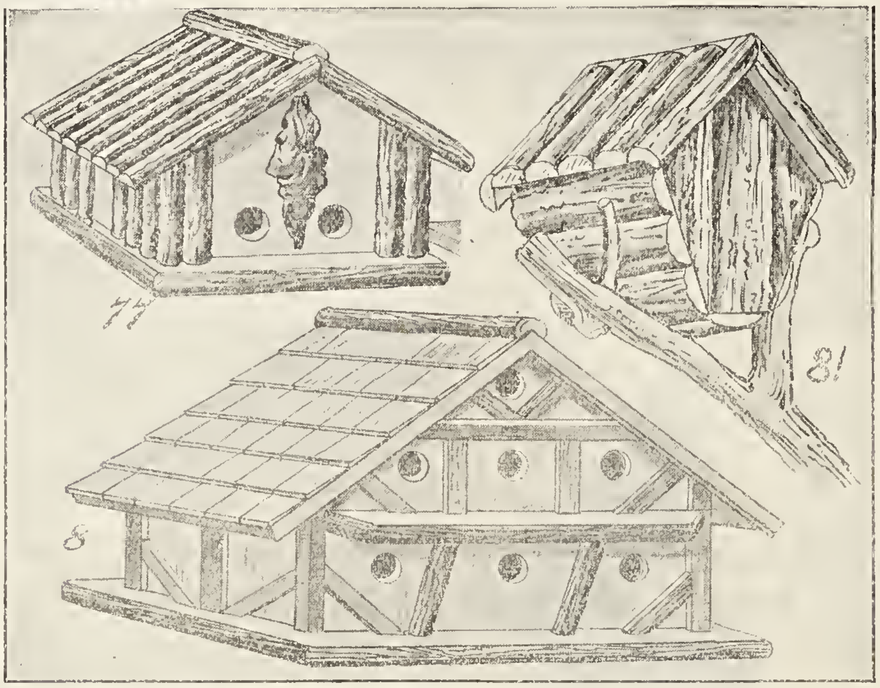

60

No.		Price Each	P.Post Each
8.	**Martin House.** 14 room (not mailable)	$18.00	
11.	**Wren House**	1.75	$2.00
12.	**Wren House**	1.75	2.00
13.	**Wren House**	1.75	2.00
14.	**Wren or Bluebird House**	2.00	2.25
17.	**Wren House**	1.75	2.00
21.	**Bluebird House**	1.75	2.00
23.	**Wren House**	1.75	2.00
24.	**Wren House**	1.75	2.00
25.	**For Woodpeckers, Chickadees, Nut Hatches, etc.**	1.75	2.00
28.	**Wren House Beautiful**	2.00	2.25
50.	**Wren House.** Swinging	1.75	2.00
60.	**Robin House**	1.75	2.00
61.	**Wren House.** Swinging	1.75	2.00
62.	**Bluebird House**	1.75	2.00
63.	**Wren and Robin House**	2.00	2.20
65.	**Maryland Wren Box**	.50	.70
77.	**Martin House.** 4 room	5.00	5.60
45.	**Squirrel House**	5.50	5.90
104.	**Rustic Seed Feeder**	2.50	2.75
105.	**Rustic Suet Feeder**	1.50	1.70
107.	**Weathervane Feeder**	5.50	5.80
110.	**Combination Shelter**	2.25	2.50


17

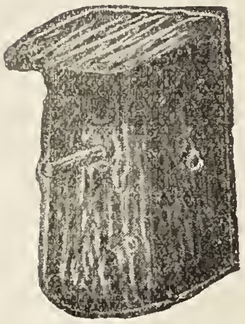
23

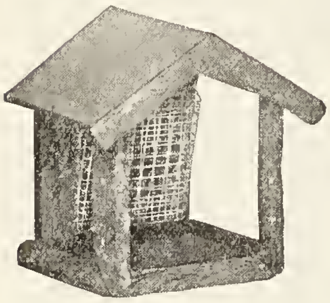
104

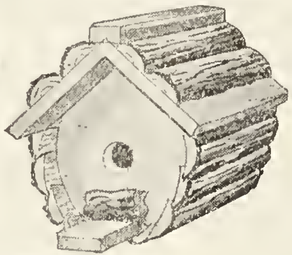


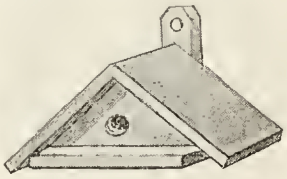
63

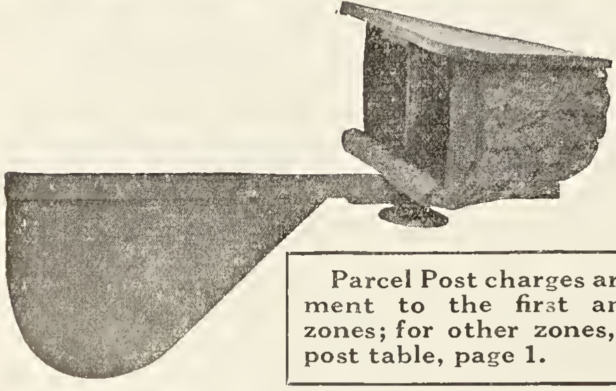
105


24


110


50

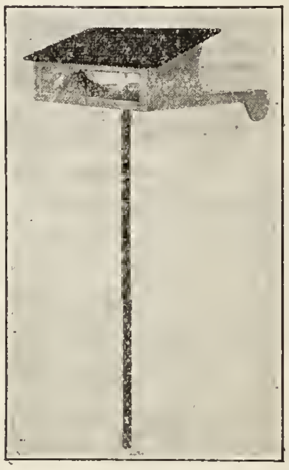

65


107

Revolving Feed Box

This bird feeder, the most popular American type, with its glass end always faces the wind so that the large open end is protected from storms. Size, 24 by 36 inches. Furnished with an iron pole, 7 feet long. Price, $10.00.

Smaller size of above, with wood pole, $6.50.


Revolving Feed Box

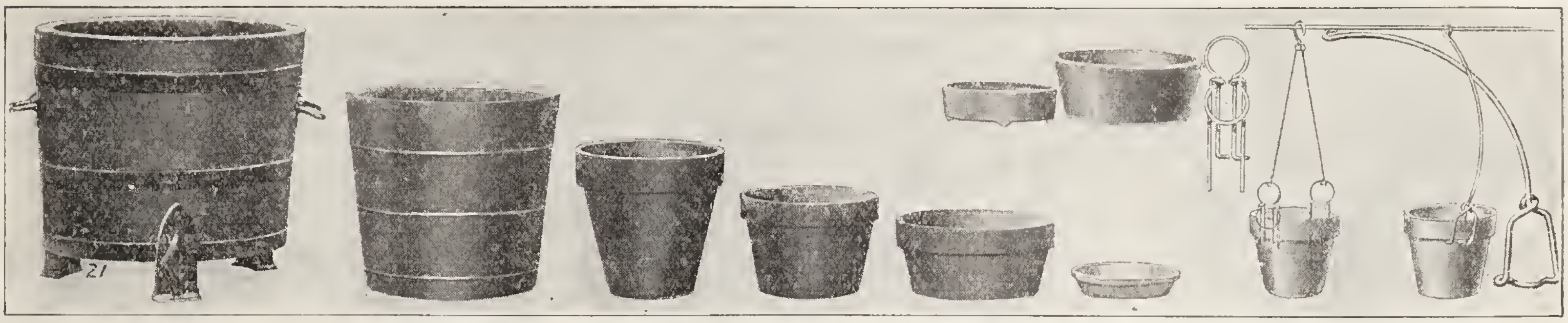
SPARROW TRAP

Rectangular in shape; made of heavy wire; dimensions, 36 inches long; 18 inches wide; 12 inches high. Price, $6.00.

Parcel Post charges are for shipment to the first and second zones; for other zones, see parcel post table, page 1.

See page 173 for Recleaned Bird Seed, etc.

Fern Dish Liner   Earthen Fern Pan



Cedar Tub   Keystone Tub   Earthen Flower Pot   Azalea Pot   Earthen Bulb Pan   Earthenware Saucer   Krick's Pot Hanger   Eureka Pot Hanger

CEDAR TUBS

Equipped with Strong Iron Handles

These are made by hand of the very best white cedar, painted green, bound with black iron hoops.

	Top Diam.	Depth	Each
No. 0	24¾ in.	24 in.	$11.25
No. 1	23⅜ “	22 “	10.25
No. 2	21 “	20 “	9.25
No. 3	18 11/16 “	18 “	7.25
No. 4	16½ “	16 “	6.25
No. 5	14 7/16 “	14 “	5.50
No. 6	12 7/16 “	12 “	4.50
No. 7	11¾ “	10 “	4.00
No. 8	10 11/16 “	9½ “	3.50

MICHELL'S KEYSTONE PLANT TUBS

Made of white cedar, painted green and bound with strong electric welded wire hoops, which do not rust. Handles are sold separately at 25c. per pair, not attached to tub.

No.	Inside Diam.	Depth	Each	By P.P.
1	6 in.	6 in.	$0.75	$0.90
2	7 “	7 “	.80	.95
3	8 “	8 “	.85	1.00
4	9 “	9 “	.90	1.05
5	10 “	9 “	.95	1.10
6	11 “	10 “	1.15	1.35
7	12 “	11 “	1.30	1.50
8	13 “	12 “	1.75	2.00
9	14 “	13 “	1.85	2.10
10	15 “	14 “	2.25	2.50
11	16 “	15 “	2.35	2.65
12	17 “	16 “	2.75	3.10
13	18 “	17 “	3.25	3.75
14	19 “	18 “	4.00	4.50

PLANT TUB GREEN PAINT

Especially prepared for painting plant tubs, gives a bright glossy finish that will stand the weather conditions and will not fade; color a beautiful French chrome green. Pt., 60c.; $1.05 per qt.; gal., $3.50.

EARTHEN FLOWER POTS

Height and Width inside	Each	Doz.	100	1000
1 in.	$0.02	$0.20	$1.35	$12.00
2 “	.03	.25	1.40	12.25
2¼ “	.04	.30	1.45	12.75
2½ “	.05	.35	1.65	15.00
3 “	.06	.40	2.15	19.50
3½ “	.06	.45	2.65	24.00
4 “	.07	.50	3.30	30.00
4½ “	.08	.60	4.45	40.50
5 “	.10	.75	5.95	54.00
5½ “	.12	1.00	7.45	67.50
6 “	.12	1.20	8.90	81.00
7 “	.20	2.00	13.50	
8 “	.25	2.75	19.50	
9 “	.35	4.00	30.00	
10 “	.50	5.50	40.50	
12 “	1.00	11.00	82.50	
14 “	1.50	17.50	135.00	

CUT FLOWER VASES

(Galvanized Iron)

No.	Top Diam.	Height	Bottom Diam.	Each
65	7½ in.	8 in.	6½ in.	$0.60
66	9 “	10 “	7½ “	.70
67	9 “	11½ “	7½ “	.80
68	9 “	12½ “	7½ “	.90
69	9 “	18 “	7½ “	1.00
70	9 “	24 “	7½ “	1.25
253	5 “	10 “	3¾ “	.50
254	5½ “	11 “	4½ “	.60
255	6½ “	12 “	5½ “	.70
257	6½ “	15 “	4½ “	.80

AZALEA POTS

Diam.	Depth	Each	Doz.	100
5 in.	4½ in.	$0.10	$0.75	$5.95
6 “	5 “	.12	1.20	8.90
7 “	6 “	.20	2.00	13.50
8 “	7 “	.25	2.75	19.50
9 “	7½ “	.35	4.00	30.00
10 “	8 “	.50	5.50	40.50
12 “	10 “	1.00	11.00	82.50

EARTHEN BULB PANS

	Each	Doz.	100
6 inches diam.	$0.12	$1.20	$8.90
7 “ “	.20	2.00	13.50
8 “ “	.25	2.75	19.50
9 “ “	.35	4.00	30.00
10 “ “	.50	5.50	40.50
12 “ “	1.00	11.00	82.50
14 “ “	1.50	17.50	135.00

EARTHENWARE SAUCERS

	Each	Doz.	100
4 inches	$0.03	$0.35	$2.25
5 “	.04	.45	3.00
6 “	.06	.65	4.50
7 “	.09	.95	6.75
8 “	.12	1.20	9.50
9 “	.18	1.80	12.50
10 “	.25	2.50	20.00
12 “	.40	4.00	30.00
14 “	.50	5.00	40.00

FERN DISH LINERS

Very shallow, for inside of fancy silver or porcelain ferneries.

Width	Height	Each	Doz.	100
7 in.	1⅞ in.	$0.20	$2.15	$13.50

EARTHEN FERN PANS

Width	Height	Each	Doz.	100
4 in.	1⅞ in.	$0.08	$0.85	$6.00
4¾ “	2⅛ “	.12	1.10	8.00
5½ “	2¼ “	.15	1.35	10.00
6¼ “	2½ “	.18	1.60	12.00
7 “	2⅝ “	.20	2.00	14.00
8 “	3⅜ “	.25	2.50	20.00
9 “	3¼ “	.30	3.00	24.00

WOODEN ED FLATS

	Each
20 inch x 10 inch x 3 inch	$0.35
20 inch x 14 inch x 3 inch	.40

EUREKA POT HANGERS

15c. each; doz., $1.50 (by P. P., $1.70); $10.00 per 100.

KRICK POT HANGERS

	Each	Doz.	P.P.
No. 1	$0.07	$0.60	$0.65
No. 2	.08	.70	.75
No. 3	.09	.80	.85

NEPONSET PAPER POTS

(Green—for Growing)

Every grower of plants can cut the growing costs by using these pots; they are superior to any pot made for the actual growing of plants.

Ins. Diam.	Doz.	P.P. per doz.	100	P.P. per 100	1000
2	$0.15	$0.20	$0.80	$0.90	$7.00
2¼	.20	.30	.85	.95	7.25
2½	.25	.35	.90	1.00	7.50
3	.30	.40	.95	1.05	8.00
3½	.35	.45	1.15	1.25	10.00
4	.40	.50	1.30	1.45	12.00
5	.45	.55	1.75	2.15	16.00
6	.50	.60	2.50	2.75	22.50

RED PAPER FLOWER POTS

Ins. Diam.	Doz.	P. P. per doz.	100	P. P. per 100	1000
2	$0.10	$0.15	$0.45	$0.55	$4.00
2¼	.12	.20	.50	.60	4.50
2½	.15	.20	.60	.70	5.00
3	.20	.30	.80	.90	6.50
3½	.25	.35	.90	1.00	7.50
4	.35	.45	1.15	1.25	10.00
5	.40	.50	1.30	1.50	13.00
6	.40	.50	1.75	2.00	15.00

RUBBER SAUCERS

Durable and waterproof.

Size	Each	P. P. Each	Doz.
4 inches	$0.15	$0.20	$1.65
5 “	.20	.25	2.25
6 “	.25	.30	2.75
7 “	.30	.40	3.25
8 “	.35	.45	4.00
9 “	.45	.55	5.00
10 “	.65	.75	7.50
12 “	.80	.95	9.25

WOOD FIBRE SAUCERS

Extremely desirable on account of being absolutely waterproof.

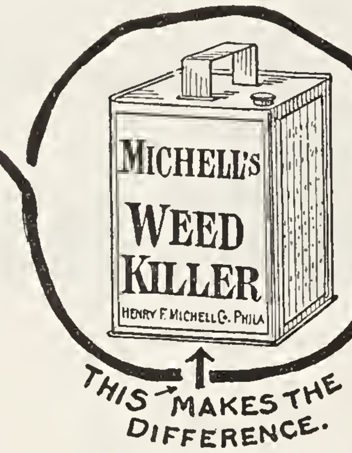
Diameter	Each	P. P. Each	Doz.
6 inches	$0.55	$0.60	$6.00
7 “	.65	.75	7.00
8½ “	.75	.85	8.25
10 “	.85	.95	9.00
11¾ “	.95	1.05	10.50
14¼ “	1.30	1.45	14.75
16 “	1.65	1.80	19.00
17½ “	1.90	2.05	21.75

MICHELL'S WEED KILLER

Positively destroys every kind of weed and vegetation wherever applied.

One application is usually required yearly; add 40 gallons of water to one gallon of Weed Killer, then sprinkle the solution upon the vegetation you wish destroyed.

One gallon will cover 150 sq. yds.; can be applied any time. It will do better work with less labor than the old way.



Just the thing for driveways, clay tennis courts, baseball diamonds, drives and walks where you want no weeds.

Weed Killer cannot be used in the garden, flower beds or on the lawn where you want to grow plants and grass.

Qt.	$0.50	30 gals.	$30.00
Gal.	1.50	50 gals.	42.50
5 gals.	6.25		

Weed Killer is not mailable

CLIMAX LAWN SAND

Kills Weeds in the Lawn Without Injury to the Grass

A combination of finely ground chemicals, which, when sprinkled over the grass, possess the remarkable property of destroying Moss, Chickweed, Plantains, Dandelion, and all other weeds on Lawns, Tennis Courts, Golf Greens, etc., at the same time promoting the growth of the finer grasses. It may be applied any time during the growing season of the year. The lawn must be absolutely dry. It acts as a powerful fertilizer for grasses if applied as a top dressing in the early Spring. For top dressing as a fertilizer apply ¼ ton per acre.

Quantity Required as a Weed Destroyer

		Price	By P.P.
3½ lbs.	will dress 150 square feet	$0.75	$0.90
7 lbs.	will dress 250 square feet	1.35	1.60
14 lbs.	will dress 500 square feet	2.50	2.90
28 lbs.	will dress 1000 square feet	4.00	By express or freight collect.
56 lbs.	will dress 2000 square feet	6.50	
112 lbs.	will dress 4000 square feet	12.50	

ADCO WEED KILLER

By the use of ADCO WEED KILLER it is possible to eliminate Moss and Weeds, such as dandelions, plantains, chickweed, docks, ground ivy, creeping buttercup, foxtail, heal-all, sheep sorrel, spotted spurge, yarrow, yellow trefoil, etc., with great benefit to the grass and lasting improvement in the lawn. By its application weedy and impoverished lawns, tennis courts and golf courses can be restored to beauty almost without effort. A single hour's work with ADCO WEED KILLER will accomplish more than a month's hard labor at digging out weeds.

It should not be used on Bent grass and its action is not favorable to clover.

ADCO WEED KILLER is non-poisonous and will not harm dogs or other domestic animals.

Simple, clear directions accompany every package.

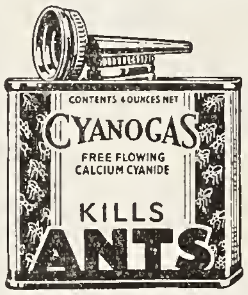
Prices

3 lbs.	$1.00	25 lbs.	$4.00

ANT KILLER (Cyanogas)

LAWN AND GARDEN ANTS

are killed instantly in their nests



The spouted 4-oz. container of Cyanogas Ant Killer is especially designed for treating nests in garden and lawns. Simply enlarge entrances of ant nest with long shank screw-driver or pointed stick. Probe six to eight inches to be sure of reaching deeper part of nest where the Queen is located. Adjust the spout on the can and flow a small amount of Cyanogas into the enlarged holes; then close with soil. Don't use Cyanogas Ant Killer indoors. If ants are found in the house, trace the line of foragers back to their nests in the ground. Per 4 oz. can, 30c.

JAPTOX

Kills and Repels Japanese Beetles

This material is superior in every way to those which have been used in the past, principally in that it is repellent to a great percentage of the Beetles. This means real protection to foliage against the ravenous feeding of these pests. It is a fine, white powder with a slightly gray cast which when sprayed on foliage establishes a very pronounced silvery coating. This coating or film spreads evenly over all of the surface to which it has been applied and sticks longer than any other spraying material known to chemical science. Japtox has as its base an arsenical poison so as to insure killing the small percentage of Beetles which may actually feed on the sprayed foliage. Spray early when the first Beetles are seen. The care which must be exercised in preparing most materials before placing in solution is eliminated when spraying with Japtox. Japtox will go into suspension immediately and stay in that state indefinitely. A one pound canister will make 10 gallons of spray.

Prices

1 lb.	$0.50	8 lbs.	$3.00
2 lbs.	.85	25 lbs.	6.50

100 lbs., $18.00

Antrol

The National Ant Control

ANTS DESTROYED

New Method "Gets" Them at Their Source— Safe, Permanent, Effective

The Antrol system is adapted to any size house or garden and quickly destroys all species of sweet eating ants. It is composed of small glass containers and a special formula of syrup. The containers are partially filled with syrup and placed about the outside edges of the house or along "ant" trails in the garden if the infestation occurs there. The ants smell the syrup, eat it and then transmit its mild poison to the queen in the nest. Soon the entire ant colony is destroyed!

The complete system should cover every 15 feet around the outside of the house or "ant" trails in the garden.

Prices

Antrol sets, containing 4 containers and one 4 oz. bottle of syrup	$0.75
Antrol extra containers	.10
Antrol Syrup, 4 oz. bottle	.35

Per pint, 85c.; $3.50 per gal.

KILL ANTS
ANTROL
15¢ EACH... 4 FOR 50¢
SAFE AROUND CHILDREN OR PETS!

READY FILLED ANTROL SETS

Consisting of four patented glass feeders, filled with regular Antrol Syrup.

Price 40c.

ANTROL ANT and ROACH POWDER

An improved fast killing powder for the extermination of ants; ideal for use in apartments, Summer or beach houses, camping, etc.

Per 2 oz., 25c.; 40c. per 4 ozs.; 5 lbs., $5.00.

ANTROL ANT TRAPS

Kills both grease and sweet eating ants; easy and safe to use. Price, 15c. each

---

Fungicide —Insecticide —Plant Stimulant

TRI-OGEN

The all-purpose spray

Complete protection against plant insects and diseases. Mildew and Black spot easily controlled with this spray treatment.

A. Small kit (makes 16 quarts)	$1.50
B. Medium kit (makes 64 qts.)	4.00
C. Large kit (makes 32 gallons)	6.00
D. Estate kit (makes 128 gallons)	20.00

SULROTE

MECHLING'S
SULROTE
ROTENONE SULPHUR
DUSTING MIXTURE

(Rotonone Sulphur Dust)

An Insecticide and Fungicide for Flowers, Vegetables and Ornamentals

Non-Poisonous when used as directed

Especially recommended for control of Mexican Bean Beetle and for worms on Cabbage and Cauliflower and many other insects. Also effective against chinch bugs, gladiolus thrips, black spot and mildew on roses; repels Japanese beetles.

Prices

1 lb.	$0.40	25 lbs.	$4.50
5 lbs.	1.20	100 lbs.	17.00

Snarol

The National Pest Control

QUICKLY KILLS GARDEN PESTS

Science Provides New Safe Method That Does the Work Without Fuss

Snails, Cutworms, Slugs, Grasshoppers, Sowbugs, Earwigs, Etc., are Exterminated

Snarol is a ready prepared meal that you simply broadcast on the ground, under the vegetation. The pests eat the meal and are quickly destroyed.

Snarol will not deteriorate from rain or sprinkling and also is non-injurious to vegetation when used according to simple directions. These features distinguish it from ordinary controls and make Snarol popular with professional gardeners and nurserymen. Prices, 35c. per 1½ lbs.; 85c. per 4 lbs.; 15 lbs., $3.00; $8.00 per 50 lbs.

NEW EVER GREEN SPRAY

NON-POISONOUS

Effective for killing cucumber and melon bugs, cabbage worms, rose slugs, aphis, leaf hoppers, and most other plant insects, including cutworms; harmless to humans, animals and birds; it kills only insects. It will not injure tender plants. Evergreen has a pleasant odor—being liquid, it is easy to mix and stays in solution without being stirred.

One gallon makes 800 gallons of spray against plant lice.

Prices

Oz.	$0.35	16 oz.	$2.00
6 oz.	1.00	Gal.	11.00
5 gals.	$45.00		

SELOCIDE

Scientific research reveals powerful new killing agent that gives positive control of Red Spiders. Also kills the eggs and does not harm tender plants when properly used. Dilute 1 part to 49 parts of water. Prices, $1.25 per qt.; gal., $3.25; $15.00 per 5 gals.

SOLVAY CALCIUM CHLORIDE

For Laying Dust in Driveways and Dressing Courts

An ideal material for not only laying the dust, but also in keeping down the cost of resurfacing gravel roads. Forms a binder and prevents the surface of the road from blowing away in the form of dust, or from being washed away by rains or excessive sprinkling.

Prices

Per 100 lb. bag, $3.00; $2.70 per 100 lbs. in drums of about 400 lbs.

"Black Leaf 40"

PROTECTION TO FLOWERS, GARDENS, AND SHRUBS

A concentrated solution of nicotine sulphate and an excellent spray for aphis and sucking insects of all kinds and all without injury to the foliage.

Prices

1 oz.	$0.35	2 lbs.	$3.25
5 ozs.	1.00	5 lbs.	5.85
1 lb.	2.25	10 lbs.	10.60

REVIVO

Japanese Beetle Grub Controlled—Crab Grass Prevented The Lawn Fertilized

A unique scientific preparation that controls the Japanese Beetle by destroying the beetle grub in the ground. Crab Grass is prevented by the application of Revivo; chickweed, plantain and dandelion are stunted in growth and have a low rate of germination wherever Revivo is used. Rake the dead grass off the lawn, and sprinkle Revivo all over the ground at the rate of 10 lbs. to 250 square feet, 100 lbs. to 2500 square feet. Follow this by sowing lawn seed at the rate of one quart to 100 square feet.

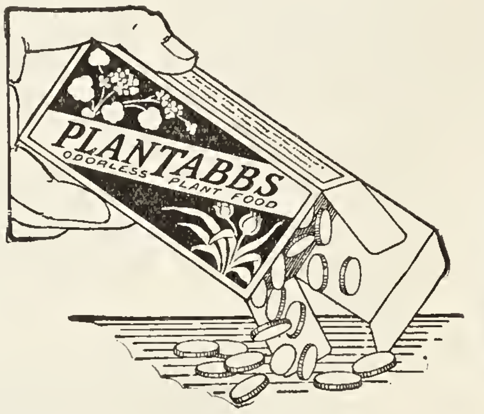
Prices

2 lbs.	$0.35	25 lbs.	$2.50
10 lbs.	1.25	100 lbs.	8.00
500 lbs.	$37.50		

FULTON'S Plantabbs

Odorless Plant Food Tablets

A concentrated odorless plant food in tablet form; clean and easy to use; they dissolve in water almost instantly and make a wonderful liquid fertilizer for potted plants or in the garden.



Prices

Pkg. of 30 tablets, 25c. (by parcel post, 30c.).
Pkg. of 75 tablets, 50c. (by parcel post, 55c.).
Pkg. of 200 tablets, $1.00 (by parcel post, $1.10).
Pkg. of 1000 tablets, $3.50 (by parcel post, $3.65).

VIGORO

Specially prepared plant food

VIGORO
Specially prepared plant food
For
LAWNS
GARDENS
FLOWERS
SHRUBBERY
TREES

Vigoro contains all the food elements plants must get from the soil to produce rich green, velvety lawns, beautiful flowers, full foliaged shrubs and trees and early delicious vegetables. Clean, odorless and economical.

Prices

1 lb. pkg.	$0.10	25 lbs.	$1.50
5 lbs.	.45	50 lbs.	2.50
10 lbs.	.85	100 lbs.	4.00

ADCO

ARTIFICIAL MANURE

Converts garden refuse, such as leaves, stalks, cuttings, potato, bean and pea vines, etc., into artificial manure.

ADCO is a powder which, when mixed with almost any non-woody vegetable waste and kept moist, gradually converts the mass into real manure fully equal to the farmyard product in fertilizing power, but free from foul odor, flies, weed-seeds, etc. The process is perfectly simple and not at all laborious.

GARDENERS can now have plenty of manure at low cost and little trouble.

FARMERS, by utilizing straw, corn stalks, etc., can secure their manure without the expense and labor of maintaining livestock.

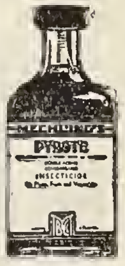
25 lbs. is sufficient to make one-half ton of manure; 150 lbs. is sufficient to make three tons of manure.

Prices

25 lb. bag	$2.00	600 lbs.	$42.00
150 lb. bag	10.50	2100 lbs.	145.00

PYROTE

KILLS INSECTS QUICKLY

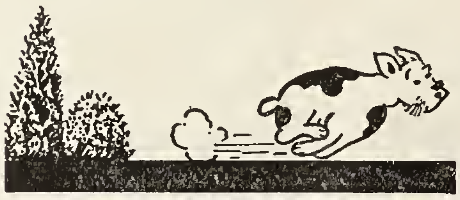


Double acting concentrated Pyrethrum Rotenone spray for flowers, plants, vegetables and fruits. Harmless to humans and animals; does not injure vegetation.

Pyrote is the ideal insecticide for the home gardener for it can be used with absolute assurance of maximum control of all types of insects. In using Pyrote, there is no technical knowledge required as when spraying with materials usually employed by commercial growers. It is simply diluted with water, according to the dilution table, and sprayed on flowers, shrubbery, vegetables and fruit to control insect infestations and this with the knowledge that it is non-poisonous and is not injurious to the most delicate plants. Consider the saving when one material can be used for the entire garden.

Prices

1 oz.	$0.35	1 qt.	$3.50
6 ozs.	1.00	1 gal.	12.00
16 ozs.	2.00	5 gals.	50.00



"DOGZOFF"

If you are bothered with dogs, cats or rabbits "Dogzoff" is the spray you need; it is an efficient animal repellent and one spraying will last from 3 to 4 weeks. Not offensive to humans. It is applied with any small sprayer. Price, per can, 60c.

Hyper-Humus

NATURE'S OWN SOIL ENRICHER

This is rich soil humus that has been aerated, sweetened and composted, making it an ideal top dressing for lawns and flower beds; makes heavy soils light and porous, light soils heavy, just what you need to promote plant and lawn development at the seashore; gives immediate and permanent effects wherever used. No odor; no weeds.

For lawns use 200 lbs. to 1000 sq. ft.; for vegetables and flowers, spread about one inch thick. It will work wonders.

Prices

5 lbs.	$0.30	100 lbs.	$2.00
10 lbs.	.50	500 lbs.	9.50
25 lbs.	.75	½ ton	15.00
50 lbs.	1.25	Ton	25.00

If wanted by parcel post, add 15c. per 5 lbs.; 20c. per 10 lbs., for postage.

Carload lots in bulk, $10.00 per ton f. o. b. Factory.

SCIENTIFIC PREPARATIONS FOR ROSES
AND OTHER PLANTS *(Rosenbluth Formulae)*

Insectrogen
TRIPLE SERVICE
FUNGICIDE · INSECTICIDE · FERTILIZER
TRADE MARK

For Leaf Chewing Insects

A remarkably effective insecticide that rids your roses and other plants of leaf chewing insects, including caterpillars, slug worms, Japanese beetles and many blights. Use alternately as a companion spray with Fungtrogen; both carry their own spreader; only water is required. Makes 60 times its volume.

	Prices
4 oz.	$0.60
½ pt.	1.00
Pt.	1.75
Qt.	2.75
½ gal.	4.50
Gal.	8.00

ROSES AND Fungtrogen
FUNGICIDE FERTILIZER

In the several years since its discovery by the widely known horticulturist, E. M. Rosenbluth, Fungtrogen has achieved national and international recognition for its remarkable fungicidal and stimulating properties. This invisible Spray is harmless to foliage or blooms. It has enabled amateurs to produce plants of unusual vigor, with superb foliage and blooms of true professional beauty. We unhesitatingly recommend this effective fungicide and the companion insecticide sprays—Insectrogen and Aphistrogen.

Equally beneficial for other flowering plants, such as hollyhocks, snapdragons, phlox, sweet peas, carnations, etc. Fungtrogen spray carries its own spreader. Simply mix with water. Makes 60 times its volume.

	Price		Price
½ pt.	**$0.75**	**Qt.**	**$2.00**
Pt.	**1.25**	**½ gal.**	**3.50**
Gal.	**$6.00**		

Aphistrogen
KILLS APHIS (PLANT LICE)
REG. U.S. PAT. OFF.

For Aphis—Plant Lice

This spray destroys all traces of these pests outdoors or under glass, in two or three applications; for roses, chrysanthemums, golden glow and all others subject to plant lice. Will not discolor the foliage. Aphistrogen is complete. No soap required—simply mix with water and use. Aphistrogen is also a good plant disinfectant. Splendid for house plants.

	Prices	By P.P.
2 oz.	$0.50	$0.55
4 ozs.	.75	.80
½ lb.	1.25	1.35
2 lbs.	3.50	3.65
12 lbs.	15.00	By express

Important Ground Dressings for Your Rose Beds

Ferogen
GROUND DRESSING
SOIL STABILIZER AND FERTILIZER
TRADE MARK

Spring—Summer Ground Dressing and Soil Stabilizer

A remarkable Plant Food, soil stabilizer and ground dressing for your roses. Ferogen should be cultivated into your rose beds in the early Spring and Summer. It supplies vital chemical elements and stimulates to vigorous root action and strong growth. In convenient powdered form. Ferogen reinforces stable manures.

	Prices	By P.P.		Prices	By P.P.
1 lb.	$0.75	$0.85	5 lbs.	$2.75	$2.95
2 lbs.	1.25	1.40	10 lbs.	4.75	5.00

(By Express or Freight)

25 lbs.	$11.00	100 lbs.	$40.00

Terogen
GROUND DRESSING
FUNGICIDE INSECTICIDE FERTILIZER
TRADE MARK

Autumn—Winter Ground Dressing and Soil Disinfectant

Terogen destroys the spores of fungi of most diseases that have fallen to the ground, as well as the larvae of most insects, including the rose pith borers, rose bugs, aphids and most beetles. Terogen also acts as a valuable fertilizer. Makes sturdy, healthy foliage and helps to prevent chlorosis. In convenient semi-powdered form.

	Prices	By P.P.		Prices	By P.P.
1 lb.	$0.75	$0.85	5 lbs.	$2.75	$2.95
2 lbs.	1.25	1.40	10 lbs.	4.75	5.00

(By Express or Freight)

25 lbs.	$11.00	100 lbs.	$40.00

English Hurdle Fence

LINECRAFT WOVEN CEDAR FENCE

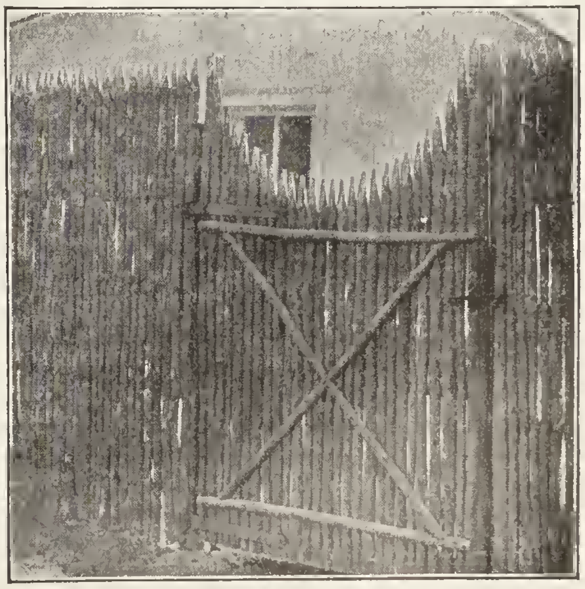
A beautiful rustic fence, woven by hand, from deep swamp, white cedar saplings; in 5 ft. sections, ready to erect.

	With inner bark	With bark entirely removed
4 ft. high,	$1.30 per running foot	$1.50
5 ft. high,	1.50 per running foot	1.75
6 ft. high,	1.80 per running foot	2.00

This same fence may be had in chestnut, with bark entirely removed, at same prices.

GATES

For 4 ft. fence	$16.50
For 5 ft. fence	17.50
For 6 ft. fence	19.50



Linecraft Woven Cedar Fence

ENGLISH HURDLE FENCE

Panels measure 8 ft. 3 in. in length and are 4 ft. high when in position; 640 hurdles to the mile of fence.

Space between bars	Approx. Weight	Chestnut (split rail)	Cedar (round rail)
4 Bar, 12 in.	60 lb.	$2.70	$2.25
5 Bar, 9 in.	70 lb.	2.90	2.50
6 Bar, 7 in.	80 lb.	3.25	2.75

GATES

Supplied with strong heavy hinges.

Driveway Gates		**Pathway Gates**	
4 Bar, 10 ft. wide	$8.00	4 Bar, 4 ft. wide	$5.00
5 Bar, 10 ft. wide	8.25	5 Bar, 4 ft. wide	5.25
6 Bar, 10 ft. wide	8.50	6 Bar, 4 ft. wide	5.50

All prices subject to market changes (wn)

DIRECTIONS FOR USING ANY OF THE FOLLOWING WILL BE FOUND ON EACH PACKAGE

Agri Pax. A contact insecticide which controls rose-bugs as well as soft-bodied insects; can be used on currants, asparagus, lettuce, celery, etc. Per qt., $1.25; $3.50 per gal.; 5 gals., $13.00.

Antrol. For description and price, see page 177.

Antrol Ant and Roach Powder. For description and price, see page 177.

Aphine. For destroying aphis, green fly, thrip, red spider and other greenhouse and outdoor insects. It dilutes readily in water about 1 part to 40 of the latter. Per ¼ pt., 30c.; 45c. per ½ pt.; pt., 70c.; $1.10 per qt.; gal., $3.25.

Aphis Punk. For controlling green and black fly and many other insects. Used for fumigating. Contains 22½% of nicotine. (For use in greenhouses only). Per pkg. of 12 sheets, $1.00; $9.50 per case of 12 pkgs.

Aphistrogen. For description and price, see page 179.

Arsenate of Calcium. Used in control of potato bugs, tomato and cabbage worms and many other chewing insects, which attack vegetables. Per lb., 30c.; 85c. per 5 lbs.; 25 lbs., $4.00.

Arsenate of Lead (Coated). Especially valuable for protecting foliage against the Japanese Beetle. Per lb., 45c.; 90c. per 2½ lbs.; 10 lbs., $2.70; $6.00 per 25 lbs.; $10.00 per 50 lbs.; 100 lbs., $16.00.

Arsenate of Lead (*Powdered*). 1 lb. to 1½ lbs. dilutes to 50 gals. of water or may be used dry like Paris Green. Per ½ lb., 25c.; 35c. per lb.; 5 lbs., $1.35; $2.65 per 10 lbs.; 25 lbs., $5.00; $17.00 per 100 lbs.

Astogen. A non-poisonous effective remedy for root aphis, cutworms and other soil insects affecting Asters and similar plants. Per 2 lbs., 75c.; $1.50 per 5 lbs.; 10 lbs., $2.75; $5.00 per 25 lbs.; 50 lbs., $8.50; $15.00 per 100 lbs.

Black Leaf 40. For description and price, see page 178.

Bordeaux Mixture (*Powder*). 12½% copper mixture, for spraying purposes. Per ½ lb., 20c.; 35c. per lb.; 5 lbs., $1.40; $5.25 per 25 lbs.; 100 lbs., $17.00.

Bug Death. Largely used instead of Paris Green; powder form. Not poisonous to persons. Per 10 oz. containers, 25c.; $1.00 per 5 lbs.; 12½ lbs., $2.25; $12.00 per 100 lbs.

Calcium Casenate. Used as a spreader to mix with other insecticides which do not mix readily. Per lb., 30c.; $1.15 per 5 lbs.; 25 lbs., $4.50.

Carbolineum. A germicide and disinfectant for purifying poultry houses, stables, etc. Per gal., $1.50; $7.00 per 5 gals.

Ceresan (*DuBay*). 2%. A dust disinfectant for cotton, flax, millet, peas and narcissus. Per lb., 75c.; $3.00 per 5 lbs.; 25 lbs., $12.50; $49.00 per 100 lbs.

Ceresan, New Improved (*DuBay*). A dust disinfectant for wheat, oats and barley. Per lb., 75c.; $3.00 per 5 lbs.

Copper Solution. Excellent spray for carnation rust and diseases of the grape, pear, apple and other fruits. A good thing to use for leaf blight and mildew. It is diluted in water. Per qt., $1.50; $3.75 per gal.

Cuprocide (*Red Copper Oxide*). An excellent material for the treatment of seeds before sowing, to prevent the fungous disease known as damping-off. Per lb., 90c.; $4.00 per 5 lbs.; 20 lbs., $14.00; $25.00 per 50 lbs.; 200 lbs., $77.00.

Cyanegg. For generating Hydrocyanic Acid Gas. Claimed to be the best remedy for killing white fly. Do not use on Sweet-Peas. Per lb., 60c.; $2.50 for 5 lbs.

Cyanogas. (*Calcium Cyanide*) (*G. Fumigant*). A valuable insecticide for greenhouse fumigation, for destroying aphis, white fly, soft scale, thrips, etc. $3.00 per 5 lbs.; 25 lbs., $10.00; $30.00 per 100 lbs. Descriptive circular free.

Cyanogas (*Calcium Cyanide*). A Dust. For killing rats, moles, woodchucks and other rodents. Per ½ lb., 45c.; 75c. per lb.; 5 lbs., $3.00.

Derrisol. A highly concentrated, odorless insecticide for the control of plant lice, leaf hopper, green flies, thrips, red spider, etc. Per 1 oz. bottle, 35c.; $1.25 per ½ lb.; lb., $2.25; $3.25 per 2 lbs.; 10 lbs., $12.00.

Dog-Scat. Keeps dogs away from trees, shrubs, ornamentals, etc.; the odor does the work. Per small tube, 15c.; 30c. per large tube.

Dutox. A non-arsenical control for beetles and leaf-eating insects. Per lb., 30c.; $1.35 per 6 lbs.

Evergreen Insecticide, New. For description and price, see page 177.

Fish Oil Soap. An excellent Summer spray, when something stronger cannot be used, where San Jose Scale exists. It is nice for washing off lemon trees, oleanders and almost anything that would be infested with soft-shelled or in fact most any kind of insect. 30c. per lb.; 5 lbs., $1.25; $2.00 per 10 lbs.; 25 lbs., $3.50; $6.50 per 50 lbs.; per 100 lbs., $10.50.

Fish Oil Soap (*Good's Caustic*). Used extensively as a tree spray and as a Summer remedy for San Jose Scale; it comes in a soft soap form and is easily dissolved. 1 lb. to 10 gals. water. Per lb., 30c.; $1.25 per 5 lbs.; 10 lbs., $2.00; $3.75 per 25 lbs.; 50 lbs., $6.00; $10.00 per 100 lbs.

Fish Oil Soap (*Rosin*). Especially recommended for the destruction of boxwood maggot, bag worm and caterpillars. Per 5 lbs., $1.50; $2.75 per 10 lbs.; 25 lbs., $4.50; $7.50 per 50 lbs.; 100 lbs., $13.00.

Fly Spray (*Mechling's*). For keeping the flies off cattle and horses. Per gal., $1.50; $7.25 per 5 gals.

Formacide. A stabilized formaldehyde dust, triple strength seed and soil disinfectant, used as a control of damping-off. Per ½ lb., 45c.; 75c. per lb.; 5 lbs., $2.00; $5.50 per 25 lbs.; 50 lbs., $9.00; $17.00 per 100 lbs.

Form-O-Fume (*Formaldehyde Dust*). An effective insurance against the damping off of flower and vegetable seedlings and cuttings. Per lb., 50c.; $1.75 per 5 lbs.; 25 lbs., $5.00.

Fungicide (*Zenke's*). For various forms of fungus diseases. Per 8 oz. can, 50c.; $3.50 per gal.

Fungtrogen. For description and price, see page 179.

Getz-there Soap. For washing palms and spraying in place of Fish Oil Soap. 2 lbs., 65c.; $1.75 for 8 lbs.; 25 lbs., $5.00.

Grape and Rose Dust. A powder preparation used for mildew, aphis, black fly and other insects and fungus diseases, principally in greenhouse. Per lb., 40c.; $1.50 per 5 lbs.; 25 lbs., $6.50; $20.00 per 100 lbs.

Hellebore. The ideal material for destroying rose bugs, currant worms, and other soft-shelled insects that infest the garden. 30c. per ½ lb.; lb., 50c.; $2.25 per 5 lbs.

Hydroxcide (*Mechling's*). A combined insecticide and fungicide spray. Per ½ lb., 25c.; 40c. per lb.; 5 lbs., $1.50.

Insectrogen. For description and price, see page 179.

Japtox. For description and price, see page 176.

Kerosene Emulsion (*Liquid Miscible Oil*). Diluted in water this makes an excellent spray for all mild forms of scale, and soft lice of any kind such as infest rose and fruit bushes, vegetables and trees. Dilutes 1 part to 20 parts of water. 45c. per pt.; 75c. per qt.; gal., $1.75; $6.00 per 5 gals.

Lemon Oil Insecticide. Effectually destroys mealy bug, scale, thrip and red spider. Per ½ pt., 30c.; 50c. per pt.; qt., 85c.; $1.50 per ½ gal.; gal., $2.50; $10.00 per 5 gal. keg.

Lethane 420. A contact insecticide for killing mealy bug, red spider and thrips, as well as white fly and similar insects. Per qt., $5.50; $9.25 per ½ gal.; gal., $16.00.

Lethane 440. A complete all-around spray, effective against practically all sucking insects and their eggs. Per 2 oz., 35c.; $1.00 per 6 ozs.; pt., $2.00; $3.00 per qt.; gal., $8.50; $35.00 per 5 gals.; 10 gals., $60.00; $150.00 per 30 gals.; 50 gals., $250.00.

Lime Sulphur. For scale insects on trees and shrubs, and such fungus diseases as can be treated in Winter or early Spring; also for leaf curl of peaches. Per qt., 45c.; $1.00 per gal.; 5 gals., $4.00; $9.50 per ½ bbl. (30 gals.); bbl. (55 gals.), $13.00.

Lime Sulphur (*Dry Powder Form*). Dilute 1 lb. to 6 gals. of hot or cold water. Per lb., 35c.; $1.40 per 5 lbs.; 10 lbs., $2.50; $4.25 per 25 lbs.; 50 lbs., $8.00; $14.00 per 100 lbs.

Loro. A new contact insecticide for use on flowers, vegetables, shrubs, trees and other ornamentals; nonpoisonous when used as directed. Effective on aphids (plant lice and green fly), thrips, midge, red spider, mealy bug, lace fly and leaf hopper. Per pt., $2.00; $9.75 per gal.; 5 gals., $43.75.

Mexican Bean Beetle Destroyer. Dust or spray; no danger of burning. Per lb., 35c.; $1.25 per 4 lbs.

Mexogen. Kills and repels Mexican Bean Beetles; non-poisonous to humans, animals and birds, when directions are followed. Per ½ pt., 75c.; $2.00 per qt.; gal., $6.00.

Mo Lo. For destroying and driving away moles. Per pkg., 25c.

Mologen. Eliminates moles from the lawn within 2 or 3 days; non-poisonous to humans or pets. Per ½ lb. can, 50c.; $1.25 per 1½ lb. can; 5 lb. can, $4.00.

Naptocide. A fumigant insecticide; kills thrips, millepedes, sow bugs, etc., in greenhouse; also gladiolus thrips outdoors. Per lb., 35c.; $1.25 per 5 lbs.; 10 lbs., $2.00; $4.00 per 25 lbs.; 50 lbs., $6.00; $11.00 per 100 lbs.; 500 lbs., $50.00.

Nico Fume (*Liquid*). A modern insecticide for vaporizing and spraying, in greenhouses and outdoors. $2.50 per lb.; 4 lbs., $6.00; $11.00 per 8 lbs.; 40 lb. drums, $45.00.

Nico Fume Paper. For fumigating greenhouses, conservatories, etc. Per box of 24 sheets, $1.50; $4.75 for 144 sheets; 288 sheets, $8.50.

Nico Fume Fumigating Powder. A tobacco powder highly charged with nicotine; splendid for fumigating greenhouses. Per lb. can, $1.15; $3.50 for 5 lbs.; 10 lbs., $6.25.

Nico Fume Powder Pressure Fumigator. Nico Fume powder is supplied in a special tin in which the powder is burned under pressure, producing finely divided fumes that quickly fill the house. Per lb., 75c.; $3.75 per 6 lbs.; 12 lbs., $7.00.

Nico Rote. A scientific blending of nicotine and rotenone, the two most powerful insect poisons. Per qt., $4.25; $12.50 per gal.; 5 gals., $55.50; $145.00 per 15 gals.

Nicotine Pyrox. Kills both chewing and sucking insects; controls blight and other diseases; just mix with water and spray. Per lb., 50c.; $1.75 per 5 lbs.; 10 lbs., $3.00.

Nikoteen (30%). One of the very best forms of tobacco or nicotine preparations. Per 1 oz. bottle, 30c.; 45c. per 2 oz. bottle; ½ lb. bottle, $1.25; $2.00 per lb.; 4 lbs., $6.00; $11.50 per 8 lbs.

Nikoteen (40% solution). Per 4 lbs., $6.50; $12.50 per 8 lbs.

Para Dichlorobenzine. For peach tree borers; full directions on each package. Can be used successfully only during August and September. Do not use on very young trees. Ask for descriptive circular. Per 1 lb. can, 50c.; $2.25 per 5 lb. can; 10 lb. can, $4.00; $9.50 per 25 lb. keg.; 100 lb. keg, $25.00.

Paris Green. A poisonous powder for potato bugs, worms, caterpillars, slugs, etc. Per ¼ lb., 20c.; 35c. per ½ lb.; lb. 50c.; $2.25 per 5 lbs.; $5.00 per 14 lbs.

Pomo-Green or Massey Dust. A leaf-green dust; protects roses and other flowering plants against insects and fungus diseases. Per 1 lb. can, 50c.; $1.75 per 5 lb. carton.

Pomo-Green with Nicotine. A leaf green all-in-one dust, or spray for leaf eating insects and many plant diseases. Per lb., 75c.; $3.00 per 5 lbs.

Pyrethrum Powder. Valuable as a poison for plant lice, water bugs, roaches, etc., also the strawberry moth. Per lb., 50c.; $2.25 per 5 lbs.; 10 lbs., $4.00.

Pyrote. For description and price, see page 178.

Pyrox (*Bowker's*). A combined insecticide and fungicide for all leaf eating insects, blights and fungus troubles. $5.00 per 25 lbs.; 50 lbs., $7.25; $12.50 per 100 lbs.; 300 lbs., $30.00.

Rat Paste (*Zelio*). The most efficient poison for destroying rats, mice and other rodents. Per 2 oz. tube, 50c.

Red Arrow Insect Spray. (*Pyrethrum Soap*). A non-poisonous, efficient insecticide for use against sucking and chewing insects. Per oz., 35c.; $1.00 per 3½ oz.; $2.50 per pt.; qt., $4.00; $12.00 per gal.

Revivo. For description and price, see page 178.

Scalecide. Used for the destruction of the San Jose Scale. Spray during the Winter or early Spring when the trees are dormant. Per qt., 65c.; $1.55 per gal.; 5 gals., $5.50; $9.50 per 10 gals.; 30 gals., $22.00; $30.00 per 50 gals.

Scale Oil. An efficient oil spray for controlling scale insects, aphis, thrip, red spider, etc. Per qt., 70c.; $1.50 per gal.; 5 gals., $5.50; 30 gals., $18.00; $25.00 per 55 gals.

Selocide. For description and price, see page 177.

Semesan (*DuBay*). A mercuric disinfectant for the control of many seed, plant and soil diseases. Per 2 ozs., 50c.; $2.50 per lb.; 5 lbs., $11.75; $46.25 per 25 lbs.; 100 lbs., $180.00.

Semesan, Special (*DuBay*). A grass disinfectant for brown patch. Per 5 lbs., $10.00; $42.50 per 25 lbs.; 100 lbs., $165.00.

Semesan Bel, New Improved (*DuBay*). For treating seed potatoes before planting. 1 lb. treats 16 to 20 bushels of seed. Per 4 oz., 50c.; $1.65 per lb.; 5 lbs., $7.00; $31.25 per 25 lbs.; 100 lbs., $120.00.

Semesan Jr., New Improved. (*DuBay*). For controlling seed-borne diseases of seed field and sweet corn. Per 4 oz., 35c.; $1.00 per lb.; 5 lbs., $4.75; $23.25 per 25 lbs.; 100 lbs., $90.00.

Slug Shot. The standard remedy for currant worms, rose slugs, cabbage worms, etc. Per 1 lb. carton, 25c.; $1.00 per 5 lbs.; $4.00 per 25 lbs.; 125 lb. keg, with a duster, $16.50; full barrel lots (about 250 lbs.), with duster, $32.00.

Slug Shot (*Liquid*). We offer this to those who desire to use it as a spray. Per oz., 35c.; $1.00 per 6 oz.; 16 oz., $2.25; $4.25 per qt.; ½ gal., $8.00; $15.00 per gal.; 5 gals., $65.00.

Snarol. For description and price, see page 177.

Soap (*C. P. O.*). For control of many insects on evergreens, flowering plants, fruits and vegetables. Per 3 oz. bottle, 25c.; 65c. per pt.; qt., $1.00; $2.50 per gal.

Soap Spray (*Imp.*). An all around outdoor and greenhouse insecticide. Per pt., 65c.; $1.00 per qt.; gal., $3.00; $12.00 per 5 gals.; 10 gals., $20.00; $58.50 per ½ bbl. (about 30 gals.).

Sulrote (*Rotonone Sulphur Dust*). For description and price, see page 177.

Sulphate of Copper. For destroying fungus diseases of all kinds; also used in making Bordeaux mixture. Per lb., 15c.; 65c. per 5 lbs.; 10 lbs., $1.20; $2.75 per 25 lbs.; 100 lbs., $9.00.

Sulphur. Used principally in greenhouses for checking mildew. It is also used as a preventive and cure for San Jose Scale, when it is used in connection with lime and salt. Per lb., 10c.; 45c. per 5 lbs.; 10 lbs., 85c.; $2.00 per 25 lbs.; 100 lbs., $7.50.

Sulphur Candles. 20c. each; per doz., $2.25.

Sunoco Spray Oil. For controlling scale insects, red spider, aphis, thrip, etc. Per gal., $1.25; 5 gals., $5.00; $8.50 per 15 gals.; 30 gals., $14.00; $20.00 per 50 gals.

Thrip Juice (*Hammond's No. 2*). This preparation is very effective against aphis, red spider, mealy bugs and sucking insects generally. Per pt., 80c.; $1.25 per qt.; gal., $4.00.

Tobacco Dust (*For Dusting*). Per 1 lb. can with sifter top, 25c.; 35c. per 5 lbs.; 10 lbs., 60c.; $1.25 per 25 lbs.; 50 lbs., $2.00; $3.50 per 100 lbs.

Tobacco Dust (*For Fumigating*). A specially prepared article. Per lb., 10c.; 45c. per 5 lbs.; 10 lbs., 75c.; $1.25 per 25 lbs.; 50 lbs., $2.25; $4.25 per 100 lbs.

Tobacco Stems (*Fresh*). For fumigating. Per lb., 10c.; 30c. per 5 lbs.; 10 lbs., 50c.; $1.00 for 25 lbs.; large bales at 2c. per lb.; ½ ton, $15.00; $27.50 per ton.

Tree Tanglefoot. A paste preparation for painting around the trunks of trees, in the form of a band. Caterpillars and other crawling pests cannot get over it. Per lb., 65c.; $3.00 per 5 lbs.; 10 lbs., $5.65; $12.00 per 25 lbs.

Tri-Ogen.—See page 177.

Volck. (*Garden*). A Volck-Nicotine combination spray for the garden. Controls red spider, mites, white flies, scales, mealy bugs, caterpillars, aphis, thrip, etc. Per 3½ ozs., 35c.; $1.00 per pt.; qt., $1.50; $4.00 per gal.

Volck (*Nursery*). A mineral oil spray for general use on growing plants in the nursery, greenhouse and garden; it is not to be confused with "Garden Volck," which contains soap and nicotine. Per ½ pt., 35c.; qt., 75c.; $2.00 per gal.; 5 gals., $6.25.

Wilson's O. K. Plant Spray. A powerful, efficient insecticide for aphis, red spider, mildew, scale, etc. Per ½ pt., 40c.; $1.00 per qt.; gal., $3.00; $12.00 for 5 gals.; 10 gals., $22.00; $57.00 per ½ bbl. (30 gals.); bbl. (50 gals.), $90.00.

Worm Destroyer (*For earth worms*). A powder to be distributed over a given surface and soaked with water. Per 100 lb. bag, $4.00; $15.00 per 500 lbs.; per ½ ton, $28.50; $50.00 per ton.

X. L. All Insecticide Compound. A preparation for spraying, for mealy bug, red spider and other insects. Per gal., $8.00.

MICHELL'S HIGH GRADE FERTILIZERS

PLEASE NOTE—No smaller quantity of Fertilizer than here offered can be supplied.

All Prices on Fertilizers subject to market changes.

Adco. A bacterial food for making artificial manure, by mixing it with leaves, grass cuttings, green weeds or, in fact, all the many wastes that accumulate during the garden year and applying water, the product is a clean manure. 25 lb. bag, sufficient to make one-half ton of manure, $2.00; $10.50 per 150 lb. bag, sufficient to make 3 tons of manure; 600 lbs., $42.00; $145.00 per 2100 lbs.

All Crop Fertilizer. A high-grade, properly balanced fertilizer for general use on all farm and garden crops. 25 lbs., $1.00; $1.75 per 50 lbs.; 100 lbs., $3.00; $5.00 per 200 lbs.; ½ ton, $21.00; $40.00 per ton.

Ashes, Hard Wood. Apply 1000 lbs. per acre. Indispensable for all crops requiring potash; excellent for mixing with potting soil. For top dressing lawns and grass fields it is applied to best advantage either in very early Spring or late Fall. 25 lbs., $1.00; $1.75 per 50 lbs.; 100 lbs., $3.00; $5.00 per 200-lb. bbl.; ½ ton, $22.50; $40.00 per ton.

Asparagus Fertilizer. A mixture that promotes the root and top growth. Apply 800 lbs. per acre. 25 lbs., $1.00; $1.50 per 50 lbs.; 100 lbs., $2.50; $4.50 per 200 lbs.; ½ ton, $21.50; $40.00 per ton.

Bacteria for Leguminous Crops. (*See Stimugerm*).

Blood (*Dried*). For indoor culture of flowering plants, like roses, carnations, etc., its chief element being nitrogen. One of the quickest acting fertilizers. 5 lbs., 60c.; $1.10 per 10 lbs.; 25 lbs., $2.00; $3.25 per 50 lbs.; 100 lbs., $5.50; $10.75 per 200 lbs.; 500 lbs., $25.00.

Blood, Bone and Potash. A very high grade fertilizer for all vegetable and farm crops. 100 lbs., $5.00; $9.50 per 200 lbs.; ½ ton, $37.50; $65.00 per ton.

Blood Flour. Very finely bolted. 5 lbs., 60c.; $1.00 per 10 lbs.; 25 lbs., $2.00; $3.50 per 50 lbs.; 100 lbs., $6.00; $11.50 per 200 lbs.

Bone (*Coarse Ground*). Apply 800 to 1000 lbs. per acre. Prepared from raw bone, exactly like bone meal, except that it is not so fine or quick in action; it is used for the same purpose. 100 lbs., $4.50; $8.50 per 200 lbs.; ½ ton, $38.50; $75.00 per ton.

Bone Flour. Finely pulverized and bolted. Effective immediately. For rose growing this cannot be excelled. Rich in phosphoric acid and ammonia. Apply 600 lbs. per acre. 5 lbs., 50c.; 85c. per 10 lbs.; 25 lbs., $1.50; $2.25 per 50 lbs.; 100 lbs., $4.00; $7.00 per 200 lbs.; ½ ton, $30.00; $55.00 per ton.

Bone Meal. (*Michell's Special Grade*). Unusually rich in nitrogen and phosphoric acid, the two principal plant foods. We recommend this especially for lawns, gardens and greenhouses, or any purpose where a high-class fertilizer counts. Apply 800 to 1000 lbs. per acre. 3 lbs., 25c.; 40c. for 5 lbs.; 10 lbs., 65c.; $1.25 for 25 lbs.; 50 lbs., $2.25; $3.50 per 100 lbs.; 200 lbs., $6.50; $27.00 per ½ ton; ton, $50.00.

Bovung. A natural cow manure containing not less than 75% organic matter, thoroughly dehydrated and well pulverized. Free from live weed seeds; ideal for use on the lawn and also excellent for flowering plants. 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., $1.00; $1.50 per 50 lbs.; 100 lbs., $2.75; $12.50 per 500 lbs.; ½ ton, $23.50; $42.50 per ton.

Clay's Fertilizer. An English chemical fertilizer, for forcing greenhouse plants and vegetables. It can be used in either dry or liquid form. 28 lbs., $3.75; $6.25 per 56 lbs.; 112 lbs., $12.00.

Cotton Seed Meal. Apply 800 lbs. per acre. Exceedingly rich in potash and ammonia, making it excellent for use as a grass and grain fertilizer; for putting greens it is invaluable. 5 lbs., 40c.; 75c. for 10 lbs.; 25 lbs., $1.30; $2.25 for 50 lbs.; 100 lbs., $4.00; $35.00 per ½ ton; ton, $65.00.

Cow or Cattle Manure (*Shredded*). One sack of this is equal to one cartload of cow manure in regular form. Convenient to handle, making it possible for everyone to get this usually scarce article at all times. Especially suited for soil mixing, mulching and liquid manuring. Apply 1000 lbs. per acre. 5 lbs., 45c.; 70c. for 10 lbs.; 25 lbs., $1.25; $2.00 for 50 lbs.; $3.25 per 100 lbs.; 500 lbs., $16.00; $30.00 per ½ ton; ton, $55.00.

If small quantities of Fertilizers listed are wanted by parcel post, please add for postage as follows: 10c. for 3 lbs.; 15c. for 5 lbs.; 20c. for 10 lbs., to the first and second zones; for other zones, see parcel post table, page 1.

Cow or Cattle Manure (*Pulverized*). Thoroughly sterilized and weedless. Quick in action and especially desirable for pot plants, etc. $3.25 per 100 lbs.; 500 lbs., $16.00; $30.00 per ½ ton; ton, $55.00.

Driconure. This contains just two ingredients—cow manure and peat moss, so treated as to be free of weed seeds and practically odorless; a real soil conditioner for the lawn and garden. Per bag of 50 lbs., $3.00; $14.50 per 5 bags; 10 bags, $28.00.

Ferogen. A Spring and Summer ground dressing; reinforces any manure fertilizers you may use. Per lb., 75c.; $1.25 per 2 lbs.; 5 lbs., $2.75; $4.75 per 10 lbs.; 25 lbs., $11.00; $40.00 per 100 lbs.

Floranid. A highly concentrated organic nitrogen fertilizer for vegetables, flowers, shrubs, lawns, etc.; ½ lb. is sufficient to treat 100 square feet of ground. Full directions on each package. Per lb., 25c.; 90c. per 5 lbs.; 10 lbs., $1.50; $2.75 per 25 lbs.; 100 lb. bag, $9.50.

Horn Shavings. Used principally for mixing in potting soil; rich in ammonia; especially valuable in chrysanthemum growing. 5 lbs., 70c.; $1.25 for 10 lbs.; 25 lbs., $2.25; $3.75 for 50 lbs.; 100 lbs., $6.50.

Hortobacco (*Michell's*). A fertilizer manufactured from a tobacco base; for lawns, putting greens, flower and vegetable gardens, etc.; also acts as an efficient insecticide. Per 5 lbs., 25c.; 45c. per 10 lbs.; 25 lbs., $1.00; $1.75 per 50 lbs.; 100 lbs., $3.00; $13.00 per 500 lbs.; ½ ton, $26.00; $50.00 per ton.

Hyper-Humus. An excellent article to incorporate with poor soil in the garden, greenhouse or in potting plants. When used in garden work, the ground should be covered with ½ to 2 inches of Humus and spaded in. Per 5 lbs., 30c.; 50c. for 10 lbs.; 25 lbs., 75c.; $1.25 per 50 lbs.; 100 lbs., $2.00; $9.50 per 500 lbs.; ½ ton, $15.00; $25.00 per ton. Carload lots in bulk, $10.00 per ton f. o. b. Factory.

Kainit (*Potash Salts*). Apply 800 to 1000 lbs. per acre. Excellent for potatoes, corn and other grains; also for top dressing asparagus beds, etc. 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., 90c.; $1.75 per 100 lbs.; 200 lbs., $3.25; $14.00 per ½ ton; ton, $25.00.

Land Plaster. Used for top dressing newly-plowed land prior to harrowing and for sweetening the soil on lawns and fields; also used for mixing with Paris Green. Apply 1500 to 2000 lbs. per acre. 40c. for 10 lbs.; 25 lbs., 85c.; $1.25 for 50 lbs.; 100 lbs., $2.00; $3.75 for 200 lbs.; ½ ton, $16.00; $30.00 per ton.

Lawn Dressing and Fertilizer. (*Michell's*). This is a complete balanced fertilizer for lawns, grass plots, fairways and putting greens. It is complete in every way and will produce wonderful results. Apply at the rate of 1000 lbs. per acre. 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., $1.00; $1.75 per 50 lbs.; 100 lbs., $3.00; $27.50 per ½ ton; ton, $50.00.

Lawn Sand. (*Climax*). For destroying weeds in the lawn without injury to the grass; also acts as a fertilizer. For best results follow directions on the package. 3½ lb. tin, 75c.; $1.35 for 7 lbs.; 14 lbs., $2.50; $4.00 per 28 lbs.; 56 lbs., $6.50; $12.50 per 112 lbs.

Lime (*Hydrated or Powdered*). This is a very fine article for distributing on grass. Promotes growth, gives the grass a rich color and has a tendency to prevent the growth of weeds. Apply one ton per acre. 10 lb. box, 30c.; 85c. per 50 lbs.; 100 lbs., $1.40; $6.75 per 500 lbs.; ½ ton, $13.00; $22.50 per ton.

Limestone (*Pulverized*). For applying on sour or worn out soils at the rate of one ton per acre. Put up in 100-lb. bags. $1.00 per 100 lbs.; 500 lbs., $4.75; $9.00 per ½ ton; ton, $17.50.

Loma. A scientifically prepared plant food for the lawn, flower garden, vegetable garden, shrubbery, potted plants, etc.; rich in life-giving nitrogen, potash and phosphates. Lb., 10c.; 45c. per 5 lbs.; 10 lbs., 85c.; $1.50 per 25 lbs.; 50 lbs., $2.50; $4.00 per 100 lbs.

PLEASE NOTE—No smaller quantity of Fertilizer than here offered can be supplied

Manure (*Fresh Horse, Stockyard and Cow*). At short notice we can usually supply first-class horse, cow and stockyard manure in carload lots only. Prices on request.

Mum Manure (*Smith's*). Give your plants a quick start by using this manure. A perfect food for Mums and other flowers, either under glass or in the garden. $2.75 per 50 lbs.; 100 lbs., $5.00.

Muriate of Potash. Apply 100 to 150 lbs. per acre, usually with other fertilizers. Excellent for potatoes, corn and other grains. Analysis, equal to 50 per cent. actual potash. 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., $1.25; $2.25 for 50 lbs.; 100 lbs., $4.00; $7.25 for 200 lbs.; ½ ton, $31.50; $60.00 per ton.

Nitrate of Soda. Apply 100 to 150 lbs. per acre, mixing with land plaster or other fertilizers to render application more easy. Use only after plants are above ground. If used in liquid form dilute 2 ozs. to 1 gal. of water and do not apply oftener than twice a week. Per lb., 15c.; 25c. per 2 lbs.; 5 lbs., 50c.; 75c. per 10 lbs.; 25 lbs., $1.25; $2.00 per 50 lbs.; 100 lbs., $3.50; $6.50 per 200 lbs.; ½ ton, $31.00; $60.00 per ton.

Nitrophoska. A well-balanced, quick acting food for every purpose in the garden, on lawns, flowers, shrubs, vegetables, etc. Analysis: Nitrogen, 15%; Phosphoric Acid, 30%; Potash, 15%. For the garden or flowers, use 5 to 10 lbs. to 1000 square feet; for lawns, apply 6 to 10 lbs. to 1000 square feet. Per lb., 25c.; 90c. per 5 lbs.; 10 lbs., $1.50; $2.75 per 25 lbs.; 100 lbs., $6.50.

Philogan. A natural manure for all crops; organic material manufactured by scientific process; no waste, all available; all weed seeds destroyed and harmful bacteria removed; invigorates root action. An ideal food for Carnations, Roses and all other greenhouse crops. 25 lbs., 85c.; $1.50 per 50 lbs.; 100 lbs., $2.50; $12.00 per 500 lbs.; ½ ton, $23.00; $40.00 per ton.

Phosphate (*Michell's High Grade*). For all vegetable crops, grains, grass, etc. Apply 800 to 1000 lbs. per acre broadcast. 5 lbs., 40c.; 70c. per 10 lbs.; 25 lbs., $1.25; $2.00 per 50 lbs.; 100 lbs., $3.50; $6.00 per 200 lbs.; ½ ton, $25.00; $45.00 per ton.

Phosphate for Corn and Oats. Apply 800 lbs. per acre. 100 lbs., $3.00; $5.00 per 200 lbs.; per ½ ton, $21.50; $40.00 per ton.

Phosphate, Super Acid (16%). Apply 1000 lbs. per acre. Used for mixing with other fertilizers to increase the phosphoric acid analysis. 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., $1.00; $3.50 per 200 lbs.; ½ ton, $13.00; $25.00 per ton.

Plantabbs. An odorless plant food in tablet form, for all plants in the house or garden; they dissolve in water almost instantly and make a wonderful liquid fertilizer. Per pkg. of 30 tablets, 25c.; 50c. for 75 tablets; 200 tablets, $1.00 (by P. P., $1.10); $3.50 per 1000 tablets (by P. P., $3.65).

Potato Fertilizer (*Michell's*). Apply at the rate of from 800 to 1000 lbs. per acre. 25 lbs., $1.00; $1.75 per 50 lbs.; 100 lbs., $3.00; $5.75 per 200 lbs.; ½ ton, $27.50; $50.00 per ton.

Salt. For asparagus beds and putting on walks and roads to kill weeds. Apply 800 lbs. per acre in early Spring. 25 lbs., 75c.; $1.25 for 50 lbs.; $2.00 per 100 lbs.; 200 lbs., $3.50; $16.00 per ½ ton; ton, $30.00.

Sheep Manure (*Wizard Brand*). Apply 1000 lbs. per acre. One of the most extensively used of animal manures. The analysis shows it to be a perfectly balanced plant food. For garden, lawn or greenhouse use, nothing surpasses sheep manure; it is clean and easily handled, besides giving immediate results. 3 lbs., 25c.; 40c. per 5 lbs.; 10 lbs., 65c.; $1.00 per 25 lbs.; 50 lbs., $1.75; $3.00 per 100 lbs.; 500 lbs., $14.00; $26.50 per ½ ton; per ton, $50.00.

Soil Prep. A companion product to Loma; a scientific soil conditioner for lawns, greens, fairways, flowers, vegetables, shrubs and trees; it is high in humus; free from weed seeds; apply 2 to 8 lbs. per 100 sq. ft. 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., $1.00; $1.75 per 50 lbs.; 100 lbs., $3.00.

If small quantities of Fertilizers listed are wanted by parcel post, please add for postage as follows: 10c. for 3 lbs.; 15c. for 5 lbs.; 20c. for 10 lbs., to the first and second zones; for other zones, see parcel post table, page 1.

Soot (*Imported Scotch*). This is used principally for bringing a good healthy color into the foliage of chrysanthemum and other greenhouse plants. Also destroys insects and grubs that work on top of and underneath the surface. 5 lbs., 60c.; $1.00 per 10 lbs.; 25 lbs., $1.50; $5.00 per 100 lbs.

Stimugerm. A pure culture of nitrogen-fixing bacteria. When ordering, be sure to state what crops you wish to inoculate. Special garden size, for Garden Peas, Beans and Sweet Peas, 25c. For Alfalfa and mixed Clovers, ½ bu. size, 35c.; 1 bu. size, 65c.; 2½ bu. size, $1.40. For Cow Peas and Soy Beans, 1 bu. size, 35c.; 2 bu. size, 65c.; 5 bu. size, $1.40. For Vetch, Peas and Beans, 1 bu. size, 35c.; 2 bu. size, 65c.; 5 bu. size, $1.40.

Stim-U-Plant. A plant food in tablet form; contains highly concentrated, immediately available forms of plant food for use in stimulating all fruit, flower, vegetable and ornamental plants and may be used in tablet or in liquid form. Per pkg. of 30 tablets, 25c. (by P. P., 30c.); 75c. per pkg. of 100 tablets (by P. P., 85c.); 1000 tablets, $3.50 (by P. P., $3.65).

Sulphate of Aluminum. Especially adapted for fertilizing Rhododendrons and other plants requiring an acid soil. 5 lbs., 40c.; 70c. per 10 lbs.; 25 lbs., $1.25; $4.00 per 100 lbs.; 200 lbs., $7.50.

Sulphate of Ammonia. Apply 75 to 100 lbs. per acre only with other fertilizers deficient in nitrogen. A valuable fertilizer for all plants in which a large leaf development or rapid growth is desired; will stimulate growth almost immediately. Analysis equal to 25% of ammonia. 5 lbs., 50c.; 85c. per 10 lbs.; 25 lbs., $1.25; $2.00 per 50 lbs.; 100 lbs., $3.50; $6.50 per 200 lbs.

Sulphate of Potash. Apply 100 to 125 lbs. per acre, usually with other fertilizers. On account of its great strength it must be used judiciously. Valuable for roots and grain crops. Analysis equal to 50% of actual potash. 5 lbs., 40c.; 70c. per 10 lbs.; 25 lbs., $1.25; $2.25 per 50 lbs.; 100 lbs., $3.75; $7.25 per 200 lbs

Tankage. This is usually applied to plants such as roses, etc., under glass. It is similar to dried blood. 5 lbs., 40c.; 70c. per 10 lbs.; 25 lbs., $1.25; $2.00 per 50 lbs.; 100 lbs., $3.50; $6.50 per 200 lbs.; ½ ton, $28.00; $55.00 per ton.

Terogen. A new Autumn and Winter ground dressing acting both as a fertilizer and an insecticide. Per 1 lb. tin, 75c.; $1.25 per 2 lb. tin; 5 lb. tin, $2.75; $4.75 per 10 lb. tin; 25 lb. tin, $11.00; $21.00 per 50 lbs.; 100 lbs., $40.00.

Tobacco Stems. For fumigating, mulching and fertilizing, these are invaluable. The chief fertilizing element in them is the potash. Per lb., 10c.; 30c. per 5 lbs.; 10 lbs., 50c.; $1.00 for 25 lbs.; large bales at 2c. per lb.; per ½ ton, $15.00; $27.50 per ton.

Tree Food, Evergreen (*Michell's*). A wonderful fertilizer for fruit and shade trees; contains the three necessary elements to promote vigorous growth. 25 lbs., $1.60; $2.50 per 50 lbs.; 100 lbs., $4.00; $19.00 per 500 lbs., ½ ton, $35.00; $65.00 per ton.

Vigoro. A specially prepared plant food for lawns, vegetable and flower gardens, shrubbery, trees, etc. 10c. per lb. pkg.; 5 lbs., 45c.; 85c. per 10 lbs.; 25 lbs., $1.50; $2.50 per 50 lbs.; 100 lbs., $4.00.

Vita-Vim. The non-acid tonic food, especially suited to the exacting requirements of under glass feeding. Per lb., 35c.; 75c. per 5 lbs.; 25 lbs., $1.75; $3.00 per 50 lbs.; 100 lbs., $5.50.

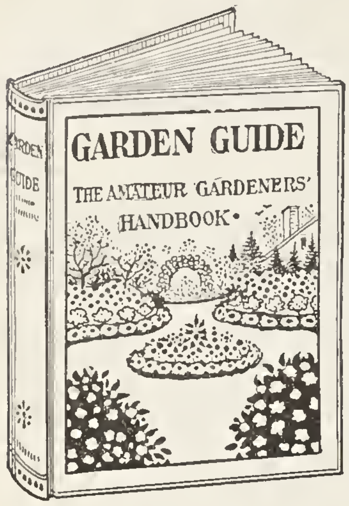
Weed Killer (*Adco*). See page 176.

Wheat Fertilizer. For grass and grain crops. Apply 800 lbs. per acre. 100 lbs., $3.00; $5.00 per 200 lbs.; ½ ton, $23.50; $45.00 per ton.

Wonder Worker Fertilizer. An extremely high grade animal base fertilizer, adapted for growing all vegetable crops; will not burn and not being a chemical product, no special instructions are necessary. Analysis: Ammonia, 7%; phosphoric acid, 6%; potash, 5%. 100 lbs., $4.50; $8.50 per 200 lbs.; 500 lbs., $20.00; $37.50 per ½ ton; ton, $65.00.

Wood Ashes. See Ashes at top of opposite page.

BOOKS On Horticulture, Agriculture and Kindred Subjects



Here is a selection of books that is thoroughly up to date, practical and comprehensive. Written by authors of national reputation—outstanding men who figure prominently in the various phases of garden and farm work. These books will show you how to raise bigger and better crops—better your condition—increase your efficiency—add to your income. Read and make your reading count.

FLOWERS AND ORNAMENTAL PLANTS

Annuals, The Book of (*Hottes*). 180 pages	$1.50
Annual Flowers, How to Grow (*Ries*). Profusely illustrated. 96 pages	1.10
Aquarium, The Modern (*Innes*). Packed with practical information	1.00
Book of Bulbs (*Rockwell*). A complete treatise on the growing of bulbs, both for Fall and Spring planting. 264 pages	2.00
Bulbs, Spring Flowering (*Thayer*). 128 pages	1.25
Cactus Culture (*Schulz*). 186 pages	2.00
Carnation Culture, Practical (*Weston*). 224 pages	2.00
Chrysanthemum and Its Culture, The (*White*)	2.00
Climbing Plants, A Little Book of (*Hottes*). 250 pages	2.00
Commercial Floriculture (*Bahr*). 616 pages	5.00
Commercial Flower Forcing (*Laurie and Chadwick*). The fundamentals and their practical application to the culture of greenhouse crops; 519 pages	4.00
Dahlia, The (*Peacock*). A practical treatise on this popular flower. 128 pages	1.25
Dahlias. (*Rockwell*). Their culture, etc. 85 pages	1.25
Delphiniums, How to Grow (*Leonian*). 96 pages	1.10
Everybody's Garden (*Waugh*). The How, the Why, and especially the Wherefore of the Home Garden, 300 pages	3.50
Garden Flowers in Color (*Stevens*). A picture cyclopedia of flowers; 400 photographs in color; 320 pages	3.75
Garden Lilies (*Preston*). Preparation of the soil, planting the bulbs and general care. 128 pages	1.25
Gladiolus, The (*Beal*). A practical treatise. 128 pages	1.25
Home Floriculture (*Rexford*). A practical guide	1.75
Iris, The (*Wister*). A treatise on its history, development and culture. 128 pages	1.25
Perennial Flowers, How to Grow (*Rics*). 96 pages	1.10
Perennial Gardens (*Ortloff*). 88 pages	1.25
Pronouncing Dictionary, The Home Gardeners (*Hottes*). 96 pages	.50
Rock Gardens, American (*Hamblin*). 128 pages	1.25
Rock Gardens (*Rockwell*). 86 pages	1.25
Roses and Their Culture (*Hubbard*). 128 pages	1.25
Roses, How to Grow (*Pyle-McFarland-Stevens*). 210 pages	2.00
Success with House Plants (*Kift and Hedenberg*). A practical book on the growing of plants and bulbs in the house. 80 pages	.75
Sweet Peas (*Unwin*). Their history, development and culture	2.00
Violet Culture, Practical (*Coon*). 128 pages	.75
Water Gardens and Gold Fish (*Sawyer-Perkins*). 272 pages	2.00

PLANT BREEDING, PROPAGATING, PRUNING, Etc.

Greenhouses, Their Construction (*Wright*). 286 pages	$2.00
Handbook of Plants and General Horticulture (*Henderson*). A dictionary of plants. 526 pages	3.50
Plant Progagation, Greenhouse and Nursery Practice (*Kains*). Very complete. 342 pages	2.25
Principles and Practice of Pruning (*Kains*). 425 pages	2.50
Pruning Manual, The (*Bailey*). 400 pages	2.50
Standard Cyclopedia of Horticulture (*Bailey*). Three volumes. 3637 pages	15.00

LANDSCAPE GARDENING, Etc.

Evergreens, Hardy (*Schrepfer*). 128 pages	$1.25
Shrubs, Hardy (*Waugh*). Everything about shrubs	1.25
Landscape Gardening, Practical (*Cridland*). Shows in a simple and practical way how to beautify the home grounds. 282 pages	2.50
Landscape Gardening, Book of (*Waugh*). 250 pages	2.00
Lawn, The (*Dickinson*). The culture of turf in park, golfing and home areas. 128 pages	1.25
Our Native Trees (*Kecler*). 533 pages; 340 illustrations	3.00
Planning and Planting the Home Garden (*Murray*)	3.50

FARM AND GARDEN

Alfalfa (*Coburn*). A complete work. 164 pages	$1.10
Around the Year in the Garden (*Rockwell*). Gives a complete outline of the year's work in the garden. 350 pages	2.50
Asparagus (*Hexamer*). Very comprehensive. 174 pages	1.10
Cauliflower and Broccoli Culture (*Bouquet*). 128 pages	1.25
Clovers and How to Grow Them (*Shaw*). 337 pages	2.00
Farm and Garden Rule Book (*Bailey*). Useful information for farmers, fruit growers, truck gardeners, florists, etc. Full of useful information. 587 pages	3.00
Farmers Cyclopedia of Agriculture (*Wilcox and Smith*). A compendium of science and practice on farm, orchard and garden crops, including farm animals. 640 pages	4.50
Fertilizers, Handbook of (*Gustafson*). 128 pages	1.25
Garden Book, The (*Davis*). 244 pages	1.25
Garden Guide (*New*). The amateur's garden handbook. 576 pages, 300 illustrations	2.50
Manual of Gardening (*Bailey*). A practical guide to the making of home grounds and the growing of flowers, fruits and vegetables. 539 pages	3.00
Mushrooms, How to Grow Them (*Falconer*). 170 pages	1.75
Muskmelon Production (*Lloyd*). 128 pages	1.25
Potato Production, Principles of (*Nixon*). 128 pages	1.25
Right Use of Lime in Soil Improvement (*Agee*)	1.25
Roadside Marketing (*Watts*). 128 pages	1.25
Soils (*Burkett*). A complete work. 300 pages	1.75
Spraying Crops (*Weed*). 140 pages	1.10
Starting Early Vegetable and Flowering Plants Under Glass (*Nissley*). Revised edition. 350 pages	3.25
Sweet Potato Production and Handling (*Thompson*)	1.25
1001 Garden Questions Answered (*Hottes*). Covers flowers, fruits and vegetables. 328 pages	2.00
Tomato Culture (*Tracy*). 150 pages	1.10
Vegetable Forcing (*Watts*). 400 pages	3.00
Vegetable Gardening (*Watts*). 511 pages	2.50
Weeds of the Farm and Garden (*Pammel*). 300 pages	2.00

FRUITS AND FRUIT CULTURE

American Fruits (*Fraser*). Their propagation, cultivation, harvesting, etc. 916 pages	$4.75
Bush Fruit Production (*Van Meter*). 128 pages	1.25
Grape Culturist (*Fuller*). 282 pages	2.00

POULTRY, BEES, PIGEONS AND BIRDS

A. B. C. and XYZ of Beekeeping	$2.50
Beekeeping, First Lessons on (*Dadant*). 167 pages	1.00
Birds of the Wild (*Pellet*). A book of absorbing interest to the bird lover. 128 pages	1.00
Canary Birds (*Burkett*). 64 pages	.80
Dogs, Our (*Harbison*). 350 pages	2.50
Ducks and Geese (*Lamon and Slocum*). 262 pages	2.00
Poultry Breeding and Management (*Dryden*). 416 pages	2.00
Poultry Feeds and Feeding (*Lamon and Lee*). 250 pages	1.75
Rabbits for Food and Fur (*Ashbrook*). 212 pages	2.00
Squabs for Profit (*Rice and Cox*). 150 pages	1.10
Turkey Production (*Cline*). 454 pages	3.50

You get All these values in

WIZARD
TRADE **BRAND** MARK
STERILIZED — WEEDLESS

Natural Plant Foods

Safety

Tiny grass seedlings, delicate and valuable plants need a safe natural plant food that will not burn foliage. Wizard is Nature's safe food for all plants.

Bacterial Action

Locked-up plant food in the soil is made available to plants by bacteria. Wizard encourages bacterial action and puts new life into worn-out soils.

Humus

Humus makes soils mellow and fertile. It helps soils hold water and plant food. Wizard supplies this vital element not found in chemical fertilizers.

Soil Improvement

Wizard improves the physical condition of your soil. It improves drainage, prevents baking, aids aeration, thus insuring strong, vigorous root growth.

All Essential Food Elements

Wizard supplies all the essential plant food elements. It is a lasting plant food and not a temporary stimulant.

Cow Manure

Cow Manure is available in two forms. Shredded Cow Manure is a coarse lumpy product ideal for mulching and feeding. Pulverized Cow Manure is uniformly screened and finely pulverized. Cow Manure is a very safe plant food, preferred for roses, lilies and such plants requiring a milder, cool manure. It is excellent for preparing bench and potting soils and especially valuable for binding loose sandy soils.

WIZARD
BRAND
SHEEP
MANURE
One Bag Equals Whole Wagon
Load of Barn Yard Manure

Wizard will make your Lawn and Garden *Thrive!*

Only Natural Plant Foods restore the humus and essential food elements used up by your plants each year. Wizard Brand Manures will bring out the real beauty of your lawn and garden because they enrich soils Nature's way. They release their abundant plant food supply gradually over a long period. Consequently your plants do not suffer from overfeeding or starvation. Chemical fertilizers will not improve the physical condition of your soil which is just as important as its plant food supply. So to be sure that *All* the needs of your plants are supplied correctly—use Wizard Brand Natural Plant Foods.

Wizard Sheep and Cow Manures are pure manures, free from straw and rubbish, highly concentrated and sterilized to kill all weed seeds. They are safe for all plants and most economical. ONE BAG EQUALS A WHOLE WAGON LOAD OF STABLE MANURE.

Lawns and Gardens

Wizard produces thick, velvety green lawns of lasting beauty. Make an application early in spring and again in fall and you will be surprised at the new beauty it will develop. On old lawns broadcast, like sowing seed, 6 to 10 lbs. per 100 sq. ft.; on new lawns 10 lbs. to 100 sq. ft. raked into the surface soil. Luxurious green foliage and a wealth of vivid colored flowers follow the use of Wizard. Mix well with the soil under new plantings and cultivate into the soil around established plants. Fine for shrubs, vines and trees.

Vegetables and Fruit. Every gardener knows that nothing equals manure for growing big crops of crisp tender vegetables. Wizard will insure crops on time for the early market and improve yield and quality of fruit.

Florists. Florists have used Wizard for nearly thirty years. It is of highest quality and dependable for all crops under glass or in the field.

For Prices on Wizard Brand Manures, see Fertilizer Section of this Catalog

Sheep and Cow Manures

STERILIZED CONCENTRATED WEEDLESS

MICHELL'S SEEDS
BULBS ~ PLANTS

1936

HENRY F. MICHELL CO.
516 and 518 MARKET ST., PHILA., PA.

NURSERIES, TRIAL GROUNDS, GREENHOUSES, ANDALUSIA, P